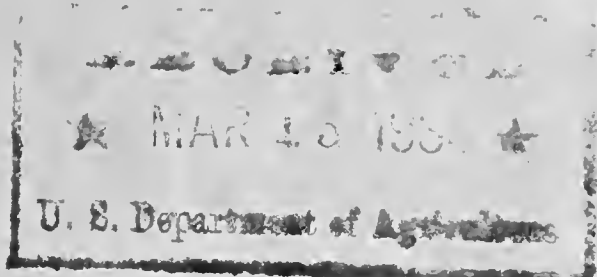


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F. & F. Nurseries
FLEMER HOLDING CORP.
SPRINGFIELD • NEW JERSEY

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Evergreen and Deciduous Trees, Shrubs and Vines

			Each	Per 10	Per 100
ABELIA grandiflora.	5'-6'				<i>Glossy Abelia</i>
HALF-EVERGREEN. Dainty bell-shaped shell-pink flowers produced throughout summer. The glossy privet-like foliage will persist all winter in a protected spot. Neat shrub.					
2	to 3 ft.	B. & B.....	1.00	9.00	
3	to 4 ft.	B. & B.....	1.50		
ABIES concolor.	50'-60'				<i>White Fir</i>
EVERGREEN. This "Queen of the Firs" is a handsome thing with large flat silvery-green needles that seem to become more blue with age. As a pyramidal accent plant it is splendid, as it withstands city conditions and drought.					
15	to 18 in.	B. & B.....	1.75	15.00	135.00
1½	to 2 ft.	B. & B.....	2.75	22.50	200.00
2	to 2½ ft.	B. & B.....	3.75	32.50	275.00
2½	to 3 ft.	B. & B.....	4.50		
homolepis.	60'-80'				<i>Nikko Fir</i>
EVERGREEN. From the youthful broad-based pyramid this stately fir develops into a bold round-topped tree. Has long lustrous green needles with silvery reverse. Very hardy.					
2	to 2½ ft.	B. & B.....	3.25	27.50	
2½	to 3 ft.	B. & B.....	4.50	40.00	
3	to 4 ft.	B. & B.....	5.75	52.50	450.00
4	to 5 ft.	B. & B.....	7.50	70.00	625.00
5	to 6 ft.	B. & B.....	9.00	82.50	750.00
nordmanniana.	80'-100'				<i>Nordmann Fir</i>
EVERGREEN. Wide rich deep-green needles make this a distinctive tree with a broad base. Altho a slow grower will, in a favorable spot, develop into a massive dense tree.					
3	to 4 ft.	B. & B.....	10.00		
4	to 5 ft.	B. & B.....	12.00		
veitchi.	50'-60'				<i>Veitch Fir</i>
EVERGREEN. A rather dainty narrow pyramid of soft green. The silvery under side of needles is quite marked.					
2½	to 3 ft.	B. & B.....	4.00		
3	to 4 ft.	B. & B.....	6.00		
ACANTHOPANAX pentaphyllum	7'-8'				<i>Five Leaf Aralia</i>
Particularly useful for covering rocky slopes. Good bright green shining foliage, graceful arching habit, most adaptable.					
1½	to 2 ft.	.....	.30	2.50	20.00
2	to 3 ft.	.....	.40	3.50	25.00
3	to 4 ft.	.....	.50	4.00	35.00
ACER ginnala.	15'-18'				<i>Amur Maple</i>
Forms a large round twiggy shrub with fragrant flowers. Most glorious in autumn with its brilliant flaming foliage.					
3	to 4 ft.	.....	1.20	10.00	75.00
4	to 6 ft.	.....	1.75	15.00	125.00
palmatum atropurpureum novum.	8'-10'				<i>Purple Japan Maple</i>
The characteristic wine-red coloring is persistent throughout summer in this improved form. Makes a well-shaped, compact bush, and improves with age. Are very bushy plants.					
12	to 15 in.,	3½" pots....	1.00	7.50	60.00
1	to 1½ ft.	B. & B.....	1.50	12.50	100.00
1½	to 2 ft.	B. & B.....	2.00	17.50	150.00
2	to 2½ ft.	B. & B.....	3.00	25.00	200.00
2½	to 3 ft.	B. & B.....	4.50	40.00	325.00
3	to 4 ft.	B. & B.....	6.50	60.00	
4	to 5 ft. specimens	B. & B.....	24.00		
5	to 6 ft. specimens,	B. & B.....	30.00		

ACER

Each Per 10 Per 100

palmatum aureum. 8'-10'**Goldenmoon Maple**

Really a golden yellow shrub that stays within bounds.

4 to 5 ft. B. & B..... 21.00

— crispum. 10'-12'**Crested Purple Japanese Maple**

The foliage is more deeply and irregularly cut and the coloring lighter and fresher. Unfortunately not well-known.

6 to 12 in., 2 yr. grafts 1.00 7.50 60.00

1 to 1½ ft. B. & B..... 1.50 12.50 100.00

1½ to 2 ft. B. & B..... 2.00 17.50 150.00

2 to 2½ ft. B. & B..... 3.00 25.00 200.00

2½ to 3 ft. B. & B..... 4.50 40.00

3 to 4 ft. B. & B..... 6.50 60.00

4 to 5 ft. B. & B..... 12.00

— dissectum. 5'-6'**Cutleaf Japanese Maple**

Deeply cut leaves impart a lacy, soft appearance to the flat-topped low spreading bush. Grows very slowly, but at maturity is a characterful billowy mound of fresh green.

6 to 12 in., 2-yr. grafts 1.00 9.00 75.00

1 to 1½ ft. B. & B..... 2.50

1½ to 2 ft. B. & B..... 4.00

2 to 2½ ft. B. & B..... 6.00

2½ to 3 ft. B. & B..... 7.50

— — purpureum. 5'-6'**Purple Cutleaf Maple**

Differs from the green, only in having wine-stained foliage.

6 to 12 in., 2 yr. grafts 1.00 9.00 75.00

1 to 1½ ft. B. & B..... 2.50 20.00 175.00

1½ to 2 ft. B. & B..... 4.00 35.00 300.00

2 to 2½ ft. B. & B..... 6.00

2½ to 3 ft. B. & B..... 7.50

— nigrum. 10'-12'**Darkest Purple Form**

This is nearest to a purple maple. Vigorous, holds color well.

6 to 12 in., 2-yr. grafts 1.00 7.50 60.00

1 to 1½ ft. B. & B..... 1.50 12.50 100.00

1½ to 2 ft. B. & B..... 2.00 17.50 150.00

2 to 2½ ft. B. & B..... 3.00 25.00 200.00

2½ to 3 ft. B. & B..... 4.50 40.00

3 to 4 ft. B. & B..... 6.50

pennsylvanicum. 30'-35'**Striped Maple**

The green bark is lined with white stripes. Prefers moisture.

2 to 3 ft..... .75

3 to 4 ft..... 1.00

4 to 6 ft..... 1.50

6 to 8 ft..... 2.25

platanoides. 60'-80'**Norway Maple**

Probably the easiest tree to transplant successfully. Throws a dense shade, so must be trimmed high if grass is to grow under it. Holds its green foliage well until late in the fall.

6 to 8 ft..... 1.50 12.50 100.00

8 to 10 ft..... 2.00 16.50 125.00

8 to 10 ft., 1¼ to 1½ in..... 2.50 20.00 150.00

9 to 10 ft., 1½ to 1¾ in..... 3.00 25.00 200.00

10 to 12 ft., 1¾ to 2 in..... 3.75 32.50 275.00

12 to 14 ft., 2 to 2½ in..... 4.50 40.00 350.00

12 to 14 ft., 2½ to 3 in..... 6.00 52.50 475.00

14 to 16 ft., 3 to 3½ in..... 10.00

— globosum. 10'-12'**Globe Norway Maple**

Here is a really worth-while "standard" tree, far superior to and more permanent than the Catalpa. Has shapely tops.

5 yr. heads, 6 ft. stems..... 6.00

6 yr. " " 7.50

Each Per 10 Per 100

ACER platanoides schwedleri. 60'-80' **Schwedler Maple**

The young leaves are bright red, but as summer approaches turn to a rich dark green with a suggestion of purple in them. This brightens up again in autumn. Grows easily.

10	to	12	ft., 1 $\frac{3}{4}$	to	2	in.....	4.50
10	to	12	ft., 2	to	2 $\frac{1}{2}$	in.....	6.00

rubrum. 80'-100' **Red Maple**

A well-loved native so noticeable in spring, when the fiery red blossoms cover the branches, and again in autumn, when the vivid scarlet dress is a high spot. Ordinarily found in low places but succeeds well in high land too.

6	to	8	ft.....	1.50	12.50	100.00
8	to	10	ft.....	2.00	16.50	125.00
8	to	10	ft., 1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ in.....	2.50	20.00	150.00
9	to	10	ft., 1 $\frac{1}{2}$ to 1 $\frac{3}{4}$ in.....	3.00	25.00	200.00
10	to	12	ft., 1 $\frac{3}{4}$ to 2 in.....	4.00	35.00	300.00
12	to	14	ft., 2 to 2 $\frac{1}{2}$ in.....	5.00	45.00	400.00

saccharum. 100' **Sugar Maple**

Quite a princely tree dissatisfied with city life, but assumes noble proportions in clear atmosphere. The autumn colors ranging through all the fiery tones make this, for spectacularly beautiful foliage effects, the most glorious of all trees.

6	to	8	ft.....	1.50	12.50	100.00
8	to	10	ft.....	2.00	16.50	125.00
8	to	10	ft., 1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ in.....	2.50	20.00	150.00
9	to	10	ft., 1 $\frac{1}{2}$ to 1 $\frac{3}{4}$ in.....	3.00	25.00	200.00
10	to	12	ft., 1 $\frac{3}{4}$ to 2 in.....	4.00	35.00	300.00
12	to	14	ft., 2 to 2 $\frac{1}{2}$ in.....	5.00	45.00	400.00
12	to	14	ft., 2 $\frac{1}{2}$ to 3 in.....	7.00	60.00	550.00
14	to	16	ft., 3 to 3 $\frac{1}{2}$ in.....	11.00		

spicatum. 15'-20' **Mountain Maple**

If used only for its gay autumn dress, a well worth-while little tree. The bunches of red-winged fruits are interesting.

2	to	3	ft.....	.85	7.50	
3	to	4	ft.....	1.00		
4	to	5	ft.....	1.50		

ACTINIDIA arguta. Vine, 30' **Bower Actinidia**

Rich green leaves—greenish white flowers—yellow berries—and rapid growth are the main characteristics of this vine.

2	yr.....	.50	4.00	30.00
3	yr.....	.60	5.00	40.00

AESCULUS

hippocastanum rubicunda. 40'-50' **Pink Horsechestnut**

Great trusses of deep pink flowers are held aloft each spring decorating the formal roundish pyramid like a Christmas tree.

6	to	8	ft.....	4.50
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parviflora. 9'-10' **Bottlebush Buckeye**

Truly a handsome shrub. It gradually spreads into a large mound much broader than high over which the refined horsechestnut leaves are mantled, serving as an excellent foil for the erect spikes of creamy-white flowers. Slow but good.

1	to	1 $\frac{1}{2}$	ft.....	1.50
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AKEBIA quinata. Vine, 15'-20' **Five Leaf Akebia**

A light lacy effect is produced by this dainty vine, and the subtle fragrance of the purple-brown flowers is attractive.

2	yr.....	.50	4.00	30.00
3	yr.....	.60	5.00	40.00

	Each	Per 10	Per 100
AMELANCHIER canadensis. 25' <i>Downy Shadblow</i>			
The flurry of pure white flowers is the forerunner of spring—most noticeable in our native woods where this dainty denizen is sparsely scattered. The birds relish the fruits.			
1½ to 2 ft.....	.60	5.00	40.00
2 to 3 ft.....	.80	7.00	60.00
stolonifera. 4'-5' <i>Dwarf Shadblow</i>			
This dwarf form develops by underground stems into a large mass. Has typical dainty pure white flowers, a beautiful picture in very early spring. Endures considerable shade.			
1½ to 2 ft.....	.60	5.00	
2 to 3 ft.....	.80	7.00	
AMPELOPSIS aconitifolia. Vine, 15'-20' <i>Monkshood Vine</i>			
Curiously shaped leaves somewhat similar to monkshood and orange berries are the features of this quick growing vine.			
2 yr.....	.50	4.00	30.00
heterophylla. Vine, 30'-40' <i>Porcelain Ampelopsis</i>			
Quite similar to Monkshood vine but has bright blue berries.			
2 yr.....	.50	4.00	30.00
3 yr.....	.60	5.00	40.00
quinquefolia engelmanni. Vine, 40' <i>Engelmann Creeper</i>			
A handsome woodbine used for autumnal effects. Vigorous.			
2 yr.....	.40	3.00	25.00
tricuspidata (veitchi). Vine, 40'-50' <i>Boston Ivy</i>			
Probably the most popular self-clinging vine. Striking in Fall.			
3 in. pots.....	.40	3.00	25.00
—lowi. Vine, 6'-8' <i>Geranium Creeper</i>			
A miniature edition of the Boston Ivy, clings closely and colors beautifully in fall. The thick-looking leaves are curiously twisted. Splendid on low walls for a permanent tracery.			
4 in. pots.....	.75	6.00	50.00
AMYGDALUS persica. 12'-15' <i>Double Flowering Peach</i>			
White			
Glorified double flowering forms of the peach. Forces well.			
6 to 7 ft.....	.90	7.50	
ARCTOSTAPHYLOS uva-ursi. 4"-6" <i>Bearberry</i>			
EVERGREEN. Forms a mat of green on the hot sandy banks of South Jersey, but seems to prefer some shade in cultivation. When the large red berries are in evidence it is particularly attractive. Must have acid soil to develop naturally.			
2 in. pots.....	.35	3.00	25.00
3 in. pots.....	.50	4.00	35.00
4 in. pots.....	.70	6.00	50.00
5 in. pots.....	1.00	8.50	75.00
ARONIA arbutifolia. 8'-10' <i>Red Chokeberry</i>			
Most decorative red berried shrub, prefers a moist place.			
2 to 3 ft.....	.60	5.00	40.00
melanocarpa. 3'-4' <i>Black Chokeberry</i>			
This black fruited form is more bushy and the foliage assumes brighter tints in autumn. White flowers practically cover the branches in May. Unfortunately the berries shrivel.			
1½ to 2 ft.....	.40	3.00	25.00
2 to 3 ft.....	.50	4.00	30.00
3 to 4 ft.....	.60	5.00	40.00
4 to 5 ft.....	.75	6.50	60.00

ARONIA

Each Per 10 Per 100

melanocarpa grandiflora. 8'-9' *Great Black Chokeberry*

This vigorous relative has slightly larger flowers and fruits and while taller is not quite so bushy or neat. Good in mass.

3	to	4	ft.	.....	.60	5.00	40.00
4	to	5	ft.	.....	.90	7.50	60.00

AZALEA arborescens. 15'-18'*Sweet Azalea*

The exquisitely fragrant white or blush flowers are among the latest of Azaleas to be seen in June. Succeeds in moist or well drained places. Eventually becomes gnarled, interesting.

15	to	18	in.	B. & B.....	2.00	17.50	150.00
1½	to	2	ft.	B. & B.....	2.50	22.50	200.00
2	to	2½	ft.	B. & B.....	3.25	27.50	
2½	to	3	ft.	B. & B.....	4.00	35.00	
3	to	3½	ft.	B. & B.....	5.00		

akebona. 6'-8'*Japanese Azalea*

HALF-EVERGREEN. Has surprisingly large lavender flowers and hairy leaves. Grows freely into an open shrub. Should be more widely known and used among conifers.

2	to	2½	ft.	B. & B.....	4.50	40.00	
2½	to	3	ft.	B. & B.....	7.50	60.00	
3	to	3½	ft.	B. & B.....	9.00	75.00	

amoena. 4'-6'*Amoena Azalea*

EVERGREEN. Grows broader than tall with good compact habit. The small box like leaves take on a warm bronzy hue in winter, but in spring a mantle of magenta flowers is the striking feature. Most hardy evergreen form.

9	to	12	in.	B. & B.....	1.25	10.00	90.00
12	to	15	in.	B. & B.....	1.75	15.00	120.00
15	to	18	in.	B. & B.....	2.50	22.50	200.00
1½	to	2	ft.	B. & B.....	3.75	30.00	270.00
2	to	2½	ft.	B. & B.....	4.50	40.00	350.00
2½	to	3	ft.	B. & B.....	6.00	55.00	500.00
3	ft.	spread	specimens,	B. & B.....	10.00		

calendulacea. 10'-12'*Flame Azalea*

Possibly the most brilliant of our native shrubs, the flowers vary from orange to scarlet in late May. Rather dry acid soil.

15	to	18	in.	B. & B.....	2.00	17.50	150.00
1½	to	2	ft.	B. & B.....	2.50	22.50	200.00
2	to	2½	ft.	B. & B.....	3.75	30.00	270.00
2½	to	3	ft.	B. & B.....	4.50	40.00	350.00
3	to	3½	ft.	B. & B.....	6.00		

fujimayo. 5'-6'*Japanese Azalea*

HALF-EVERGREEN. Best feature is the double lavender pink flowers. Happiest in a warm spot with rhododendrons.

1½	to	2	ft.	B. & B.....	4.00	35.00	
2	to	2½	ft.	B. & B.....	5.00	40.00	
2½	to	3	ft.	B. & B.....	7.50	60.00	
3	to	3½	ft.	B. & B.....	9.00	75.00	

hinodegiri. 4'-5'*Hinodegiri Azalea*

EVERGREEN. This is THE red Azalea which in May is actually covered in a blanket of vivid carmine flowers. The foliage is lighter green and larger than that of "Amoena" and has a richer bronzy color in winter. A fine spot plant.

12	to	15	in.	B. & B.....	2.25	20.00	150.00
15	to	18	in.	B. & B.....	4.00	35.00	300.00
1½	to	2	ft.	B. & B.....	5.50	50.00	450.00
2	to	2½	ft.	B. & B.....	7.50	70.00	600.00
2½	to	3	ft.	specimens, B. & B.....	11.00	100.00	

Each Per 10 Per 100

AZALEA kaempferi. 4'-5' *Torch Azalea*

From salmon-pink to orange-red, the flowers transform this shrub into a thing of beauty. In a slightly shaded sheltered spot, it is almost evergreen, and the color of the flowers is preserved. Has successfully withstood our worst winters.

12 to 15 in.	B. & B.....	2.00	17.50	150.00
15 to 18 in.	B. & B.....	2.50	22.50	200.00
1½ to 2 ft.	B. & B.....	3.00	27.50	250.00
2 to 2½ ft.	B. & B.....	4.00	35.00	300.00
2½ to 3 ft.	B. & B.....	5.50	45.00	
3 to 3½ ft.	B. & B.....	7.50		

— hybrids. 3'-4' *Carmen, Cleopatra, Fedora, Louise*

HALF-EVERGREEN. Generally speaking, these hybrids have a lower, more bushy habit and the brilliant orange tints are missing. 'Tis a gloriously handsome family tho!

12 to 15 in.	B. & B.....	2.75	22.50	200.00
15 to 18 in.	B. & B.....	3.00	27.50	225.00
1½ to 2 ft.	B. & B.....	4.00	35.00	
2 to 2½ ft.	B. & B.....	4.50	40.00	

macrantha. 3'-4' *Red Salmon Azalea*

EVERGREEN. A low growing form with single red flowers and clean shiny leaves—needs shelter for sure results.

12 to 15 in.	B. & B.....	2.25	20.00	
15 to 18 in.	B. & B.....	3.50	30.00	

mollis. 4'-5' *Chinese Azalea*

The mass of delicately shaded large bell-shaped flowers running through orange and red tones make a display worth waiting for each May. Succeeds best in sunny place.

9 to 12 in.	B. & B.....	1.50	13.50	120.00
12 to 15 in.	B. & B.....	2.25	20.00	150.00
15 to 18 in.	B. & B.....	3.00	27.50	

mucronulata. (dahuricum) 5'-6' *Dahurian Azalea*

A welcome sight in March is the exquisitely frilled rosy-purple flowers—in pleasing contrast to the yellow Forsythia.

2 to 2½ ft.	B. & B.....	4.50		
2½ to 3 ft.	B. & B.....	6.00		
3 to 4 ft.	B. & B.....	7.50		

nudiflora. 6'-7' *Pinxterbloom*

The fragrance of this "wild honeysuckle" quickly betrays its home in light woods where the variable pink flowers are eagerly sought in May. Does well in the open sun too.

15 to 18 in.	B. & B.....	2.00	17.50	150.00
1½ to 2 ft.	B. & B.....	2.50	22.50	200.00
2 to 2½ ft.	B. & B.....	3.75	30.00	270.00
2½ to 3 ft.	B. & B.....	4.50	40.00	350.00
3 to 4 ft.	B. & B.....	6.00	55.00	450.00
4 to 5 ft.	B. & B.....	7.50		

pontica. 6'-8' *Pontic Azalea*

A fine old kind with rich yellow trumpet-shaped fragrant flowers borne in clusters at the tips of the bare branches.

9 to 12 in.	B. & B.....	1.50	13.50	120.00
12 to 15 in.	B. & B.....	2.25	20.00	150.00
15 to 18 in.	B. & B.....	3.00	27.00	225.00
1½ to 2 ft.	B. & B.....	4.50	40.00	350.00

AZALEA

Each Per 10 Per 100

poukhanensis. 4'-5'

Korean Azalea

Almost a blue Azalea. Fine large blooms sweetly scented scattered over the spreading bush—effective with Forsythia.

12 to 15 in.	B. & B.....	3.00	27.50	225.00
15 to 18 in.	B. & B.....	4.00	37.50	325.00
1½ to 2 ft.	B. & B.....	4.75	45.00	
2 to 2½ ft.	B. & B.....	5.50	52.50	
2½ to 3 ft.	B. & B.....	6.50		

— yodogawa. 4'-5'

Yodogawa Azalea

In May this bush is actually a dense bouquet of double lavender-pink flowers with no foliage visible at all. Be sure to get the free-flowering type, about this we have been careful.

12 to 15 in.	B. & B.....	2.75	22.50	
15 to 18 in.	B. & B.....	3.25	27.50	
1½ to 2 ft.	B. & B.....	3.75		

rosea. 6'-7'

Downy Pinxterbloom

Possibly brighter pink and, with us, slightly more compact than "nudiflora," otherwise similar in leaf habit and flower. Thrives best in a slightly shaded moist spot with acid soil.

15 to 18 in.	B. & B.....	2.00	17.50	150.00
1½ to 2 ft.	B. & B.....	3.00	25.00	200.00
2 to 2½ ft.	B. & B.....	4.00	35.00	
2½ to 3 ft.	B. & B.....	5.00	45.00	

vaseyi. 10'-12'

Pinkshell Azalea

A most exquisite thing when the pure pink flowers open in early May—apparently just lightly resting in the bare twigs, its beauty is breath-taking. Happiest on margin of woods.

15 to 18 in.	B. & B.....	3.25	30.00	270.00
1½ to 2 ft.	B. & B.....	3.75	35.00	300.00
2 to 2½ ft.	B. & B.....	4.50	40.00	350.00
2½ to 3 ft.	B. & B.....	5.50	50.00	450.00
3 to 3½ ft.	B. & B.....	7.50	70.00	600.00

viscosa. 9'-10'

Swamp Azalea

Another beautiful native which offers its fragrant white, or occasionally tinged pink flowers in late June. Generally found in boggy woods, but does not object to upland home.

15 to 18 in.	B. & B.....	2.00	17.50	150.00
1½ to 2 ft.	B. & B.....	2.50	22.50	200.00
2 to 2½ ft.	B. & B.....	3.75	30.00	275.00
2½ to 3 ft.	B. & B.....	4.50	40.00	350.00
3 to 4 ft.	B. & B.....	6.00	55.00	450.00
4 to 5 ft.	B. & B.....	7.50		

BENZOIN aestivale. 12'-15'

Spice Bush

The yellow mist seen along the streams in April is the Benzoin's welcome to Spring and later on you will find loads of glistening scarlet berries, which like the rich foliage are spicily fragrant when crushed. Splendid for naturalizing.

1½ to 2 ft.....	.30	2.50	20.00
2 to 3 ft.....	.50	4.00	30.00
3 to 4 ft.....	.60	5.00	40.00
4 to 5 ft.....	.75	6.50	55.00
5 to 6 ft.....	1.50	12.50	100.00

BERBERIS aggregata pratti. 8'-10'

Pratt Barberry

Numerous bunches of salmon-red fruits make this worthy

2 to 3 ft.....	1.25	11.00	
3 to 4 ft.....	1.75	15.00	
4 to 5 ft.....	2.25		

BERBERIS

Each Per 10 Per 100

atrocarpa. 4'-6'**Black fruited Barberry**

EVERGREEN. Quite a vigorous shrub blooming rather conspicuously yellow in June and has a profusion of glittering black berries in October. The narrow spiny leaves do not like wind, so they do best in a sheltered spot. Bushy in habit.

6 in. pots 12 to 15 in. bushy..... 1.50 12.50 100.00

8 in. pots 15 to 18 in. bushy..... 2.00 16.50 125.00

gagnepaini. 4'-5'**Black Barberry**

EVERGREEN. The spiny edged evergreen leaves are very narrow with pale-green underside. Clusters of bright yellow flowers, preceding the black fruits, are quite noticeable.

12 to 15 in. B. & B..... 1.00

gilgiana. 5'-6'

Rich claret-red fruits redeem this from being commonplace.

2 to 3 ft..... 1.00 7.50

3 to 4 ft..... 1.25 10.00

julianae. 6'-7'**Wintergreen Barberry**

EVERGREEN. A vigorous fellow, rich in color. Deep green lustrous leaves turning vivid scarlet before they fall. Hearty yellow flowers purplish fruits, and in spring the wine stained young shoots top the bush. Half shade or sun, hardy.

4 in. pots, 12 to 15 in..... .90 7.50 60.00

5 in. pots, 15 to 18 in..... 1.25 10.00 75.00

1 to 1½ ft. B. & B..... 1.25 10.00 75.00

1½ to 2 ft. B. & B..... 2.00 15.00

2 to 3 ft. B. & B..... 3.00 25.00

3 to 4 ft. B. & B..... 4.50 40.00

neuberti latifolia (ilicifolia). 5'-6'**Broad Leaf Barberry**

HALF-EVERGREEN. Dull green holly-like leaves last until January then turn brown. A fine plant for that arid spot.

12 to 15 in..... .75 6.00 50.00

15 to 18 in..... 1.00 7.50 60.00

1½ to 2 ft..... 1.35 11.00 90.00

2 to 2½ ft..... 2.00 15.00 125.00

Each Per 10 Per 100 Per 1000

thunbergi. 5'-7'**Japanese Barberry**

Keep the old wood cut out and you will have a wonderful display of berries every year. Good for hedge or border.

12 to 15 in..... .20 1.80 12.00 90.00

15 to 18 in..... .25 2.00 18.00 120.00

1½ to 2 ft..... .40 3.50 25.00 200.00

Each Per 10 Per 100

— atropurpurea. 5'-6'**Redleaf Japanese Barberry**

Needs sun to bring out the purple coloring of the foliage.

12 to 15 in..... .30 2.50 20.00

15 to 18 in..... .40 3.00 25.00

1½ to 2 ft..... .50 4.00 30.00

2 to 2½ ft..... .60 5.00 40.00

2½ to 3 ft..... .75 6.00

— minor. 3'-4'

Because of its dwarf compact habit this form is ideal for low hedging. Does not fruit much, needs occasional pruning.

9 to 12 in..... .40 3.00 20.00

12 to 15 in..... .50 4.00 30.00

BERBERIS

Each Per 10 Per 100

triacanthophora. 4'-5'

Threespine Barberry

EVERGREEN. Really a handsome evergreen shrub. The narrow two inch leaves are surprisingly white underneath and the graceful branching arrangement displays the unusual whitish flowers and black fruits nicely. This has done well with us in hot sun as well as in half-shade, a useful member.

15 to 18 in.	B. & B.....	1.50	12.50
1½ to 2 ft.	B. & B.....	2.00	15.00
2 to 2½ ft.	B. & B.....	2.75	22.50
2½ to 3 ft.	B. & B.....	4.00	35.00

vernae. 5'-6'

Vernae Barberry

From the standpoint of fruits the most beautiful of all the family. The vigorous stems arch over and in June are closely studded with little bunches of rich yellow flowers which give way to the coral-red bloom covered berries bearing down the branches resembling miniature grapes.

1½ to 2 ft.	B. & B.....	1.25	10.00	75.00
2 to 3 ft.	B. & B.....	1.50	12.50	100.00
3 to 4 ft.	B. & B.....	2.00	15.00	
4 x 4 ft. spread	B. & B.....	5.00		

verruculosa. 3'

Warty Barberry

EVERGREEN. The aristocrat of Barberries, this evergreen develops into a compact mound densely covered with rich lustrous green foliage that reminds one of miniature English Holly leaves with a whitish underside. In spring the branches are strung with little golden cups nodding on half inch threads. These fragrant flowers are followed by bloomy black fruits. A splendid low hedge plant, needs no clipping.

15 to 18 in.	B. & B.....	1.50		
1½ to 2 ft.	B. & B.....	2.00		
4 in. pots 6 to 9 in.....		.75	6.00	50.00
5 in. pots 9 to 12 in.....		.90	7.50	60.00

vulgaris. 7'-8'

European Barberry

The brilliant red berries strung along the branches are striking.

2 to 3 ft.....	.40	3.00
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— purpurea. 7'-8'

Purple Barberry

Has a pleasing soft purple foliage and similiar berries to type.

2 to 3 ft.....	.40	3.00
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BETULA alba. 40'-50'

European White Birch

Creamy white bark most effective against a background of evergreen. Has charming graceful habit and is most adaptable.

4 to 6 ft.....	.75	6.00	50.00
6 to 8 ft.....	1.10	9.00	75.00
8 to 10 ft.....	1.50	13.50	125.00
10 to 12 ft.....	2.25	20.00	

— fastigiata. 20'-25'

Columnar White Birch

Grows amazingly like a Lombardy Poplar and in time forms a dense rugged column of dark green leaves. White bark.

4 to 6 ft.	B. & B.....	3.00
6 to 8 ft.	B. & B.....	4.50

— laciniata. 30'-40'

Weeping Cutleaf Birch

Deeply cut leaves and fountain-like arrangement of the drooping branches make this a justly popular lawn subject.

4 to 6 ft.....	1.25	10.00	75.00
6 to 8 ft.....	2.00	15.00	125.00
8 to 10 ft.....	2.75	22.50	200.00
10 to 12 ft., 1¼ to 1½ in.....	3.25	27.50	

BETULA

Each Per 10 Per 100

alba youngi. 12'-20'**Young's Weeping Birch**

Tortuous branches twist over to form picturesque specimens.

2	to	3	ft.	B. & B.....	2.00		
3	to	4	ft.	B. & B.....	3.00		

lutea. 70'-80'**Yellow Birch**

A good clean tree that makes a splendid practical windbreak.

4	to	6	ft.....	1.25	10.00		
6	to	8	ft.....	1.50			
8	to	10	ft.....	2.00			

nigra. 80'-100'**River Birch**

Commonly found growing along river banks sometimes in clumps. The ragged brown papery bark is quite distinctive.

4	to	6	ft.....	1.25	10.00	75.00	
6	to	8	ft.....	1.50	13.50	120.00	
8	to	10	ft.....	2.25	20.00	150.00	
10	to	12	ft.....	3.25	27.50		

papyrifera. 80'-90'**Canoe Birch**

The characteristic white bark is not evident until the trunk is three or four inches thick, but it is the cleanest white of all.

A handsome long lived tree common in Adirondack region.

4	to	6	ft.....	1.25	10.00	75.00	
6	to	8	ft.....	1.50	13.50	120.00	
8	to	10	ft.....	2.25	20.00	150.00	
10	to	12	ft.....	3.25	27.50	225.00	

populifolia. 35'-40'**Gray Birch**

This "Queen of the Woods" is generally seen in clumps, two or three white trunks rising gracefully from the ground and swaying in the breeze. Small foliage quivers at the slightest breeze. Particularly effective with dark evergreens.

6	to	8	ft. clumps, B. & B....	3.00			
8	to	10	ft. clumps, B. & B....	4.50			

BIGNONIA grandiflora. Vine, 30'-40' Chinese Trumpet Vine

Glorious in July when the large orange bells and rich tropical looking foliage adds the home touch wherever planted.

3	yr.....	.75	6.50	55.00			
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— Mad. Gallen. Vine, 25'-30'

A deeper colored form with great bunches of gorgeous flowers.

3	yr.....	.75	6.50				
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radicans. Vine. 60'-80'**Trumpet Vine**

The striking scarlet trumpets can be seen in most early settlements, sometimes as bush specimens or vast tall vines.

2	yr.....	.50	4.00				
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BUDDLEIA alternifolia. 8'-10'**Alternate Leaf Buddleia**

Lilac purple flowers literally cover the wide spreading arching branches. Distinct habit, deep green leaves grayish beneath.

2	yr.....	.50	4.00				
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magnifica. 10'-12'**Butterfly Bush**

Gray-green foliage, rich lavender spikes of flowers and yellow butterflies fluttering above the bush is a typical summer picture from June to September. Apt to die down somewhat in winter, but is larger and better the following year.

2	yr.....	.40	3.50	25.00			
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nanhoensis. 3'-4'**Dwarf Buddleia**

This neat compact form is fine for small gardens and flower borders: it has same color and period of bloom as magnifica.

2	yr. strong50	4.00	30.00			
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Each Per 10 Per 100

BUXUS sempervirens. 8'-10' *Bush Boxwood*

EVERGREEN. In a comparatively short time makes a large round bush densely covered with long generally narrow leaves. Most large boxwood hedges are of this type and it is often readily clipped into odd shapes. Deliciously scented.

12 to 15 in.	B. & B.....	.75	6.00
15 to 18 in.	B. & B.....	1.25	10.00
1½ to 2 ft.	B. & B.....	1.50	

— **globes.** (clipped into spherical bushes) *Globe Boxwood*

1½ ft., B. & B.....	4.00
2 ft., B. & B.....	5.50

— **suffruticosa. 5'-6'** *Dwarf Boxwood Bush*

EVERGREEN. Like wine this beloved plant improves with age and gradually becomes part of the family and is passed down as an heirloom. In youth it makes good headway, but slows down year by year until it reaches three or four feet after which it increases imperceptibly. Everyone knows the delicious boxwood smell most apparent in this dwarf kind. The small round deep green leaves withstand city conditions. A dwarf boxwood hedge which can start at three inches is practically a permanent institution.

4 to 6 in.....	.30	2.50	20.00
6 to 8 in.....	.50	4.50	40.00
8 to 10 in.....	.90	7.50	60.00
12" x 12".....	4.00		
15" x 15".....	6.00		
15" x 18".....	9.00		

Prices on Larger Specimens Are Quoted on Request

CALLICARPA purpurea. 4'-5' *Chinese Beautyberry*

Little bunches of shiny deep mauve berries are studded along the willowy branches, in Fall an attractive thing for cutting.

3 to 4 ft.....	.50	4.00
4 to 5 ft.....	.60	5.00

CALLUNA vulgaris. 6"-15" **EVERGREEN** *Heather*

— **alba pilosa.** White flowers. *Dwarf Woolly Heather*

— **aurea.** Yellow foliage, pink flowers. *Yellow Leaf Heather*

— **rubra.** Darkest rose pink of all. *Red Heather*

Quoting a Scotch friend, "A Scottish glen with a background of mountains and the mists clinging to their tops and the purple bloom of the heather sweeping up into the gray tones," what a picture! And these hardy evergreen ground covers on a well drained sunny slope can be as effective here.

4 in. pots.....	.75	6.00	50.00
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CALYCANTHUS floridus. 8'-9' *Common Sweet Shrub*

Red-brown flowers, foliage and even the peculiar seeds, all give off a spicy fragrance. A neat old-fashioned shrub.

1½ to 2 ft.....	.40	3.00	25.00
2 to 3 ft.....	.50	4.00	30.00
3 to 4 ft.....	.60	5.00	40.00

CARPINUS betulus. 50'-60' *European Hornbeam*

Even a single tree with its blue-gray smooth bark, muscular wood and clean foliage is worth while, but as a hedge plant with brown leaves persisting it excels. Spring planting is best.

3 to 4 ft.....	.90	7.50	65.00
4 to 5 ft.....	1.25	11.00	90.00
5 to 6 ft.....	1.50	13.50	120.00
6 to 8 ft.....	2.25	20.00	

	Each	Per 10	Per 100
CARYOPTERIS incana. 1½'-2'			<i>Blue Spirea</i>
A bushy half herbaceous shrub which covers itself with lacy lavender flowers in September and October. Very effective against the gray-green leaves. Sheltered spot is best.			
2 year .....	.35	2.50	20.00
CATALPA bungei. 8'-10'			<i>Umbrella Catalpa</i>
For quick formal effects should be severely pruned every year.			
2 year heads	1.25	10.00	
CEDRUS atlantica glauca. 60'-70'			<i>Blue Atlas Cedar</i>
EVERGREEN. Silvery-blue needles cover the branches. Grows slowly and should have a favored spot- its worth it.			
2 to 3 ft. B. & B.....	5.00	45.00	400.00
libani. 60'-80'			<i>Cedar of Lebanon</i>
Dignity is inherent in the historical old tree. The youthful pyramidal form gradually gives way to a more stately picturesque flat-topped tree with few far reaching horizontal branches. The light green rather short needles are arranged in tufts along the branches. The small sizes offered here are from very hardy type developed at Arnold Arboretum.			
1½ to 2 ft. B. & B.....	4.50		
2 to 2½ ft. B. & B.....	6.00		
7 to 8 ft. B. & B.....	25.00		
CELASTRUS orbiculatus. 30'-35'			<i>Chinese Bittersweet</i>
Can be identified by the brilliant red and yellow fruits being borne in small short stemmed clusters in axils of the leaves.			
2 yr .....	.40	3.00	25.00
CEPHALANTHUS occidentalis. 12'-15'			<i>Button Bush</i>
You will find this native growing actually in water where the rich green leaves show off the fuzzy round heads of white flowers to perfection in July and August. Very bushy.			
1½ to 2 ft.....	.40	3.00	25.00
2 to 3 ft.....	.50	4.00	35.00
3 to 4 ft.....	.60	5.00	40.00
4 to 5 ft.....	.75	6.50	55.00
CERCIDIPHYLLUM japonicum. 70'-80'			<i>Katsura Tree</i>
From a slender youth this tree develops into a magnificent spreading tree at maturity. Purple tinged heart shaped foliage is beautiful in spring and again in golden autumn dress.			
5 to 6 ft.....	2.75	22.50	200.00
6 to 8 ft.....	3.50	30.00	275.00
8 to 10 ft.....	4.50	40.00	
10 to 12 ft.....	6.00		
CERCIS canadensis. 20'-25'			<i>American Redbud</i>
Small rosy pink pea shaped flowers almost cover the bare branches in April. Beautiful with cedars and dogwood.			
3 to 4 ft.....	.60	5.50	45.00
4 to 5 ft.....	.80	7.00	60.00
5 to 6 ft.....	1.00	8.50	75.00
6 to 8 ft.....	1.25	10.00	
chinensis. 10'-12'			<i>Chinese Redbud</i>
A more shrubby relative with larger flowers of a slightly darker rosy purple shade. Good foliage too. Early April.			
1½ to 2 ft.....	.50	4.50	
2 to 3 ft.....	.60	5.50	

Each Per 10 Per 100

CHAMAECYPARIS (RETINOSPORA) ALL EVERGREEN**lawsoniana allumi. 25'-30'****Blue Lawson Cypress**

A shapely column of steely blue foliage. Good winter color.

1½ to 2 ft.	B. & B.....	1.50	12.50
2 to 3 ft.	B. & B.....	2.00	17.50

obtusa. 30'-35'**Hinoki Cypress**

Lustrous deep green foliage on rather open fronds. A graceful bushy pyramid here but a timber tree in Japan.

3 to 4 ft.	B. & B.....	3.00	27.00
4 to 5 ft.	B. & B.....	4.50	40.00
5 to 6 ft.	B. & B.....	5.50	
6 to 7 ft.	B. & B.....	7.00	

— compacta. 3'-4'**Football Cypress**

Almost spherical; useful for formal work and foundation planting. Retains good color all winter and "wears" well.

12 to 15 in.	B. & B.....	1.25	10.00	75.00
15 to 18 in.	B. & B.....	1.75	15.00	120.00
1½ to 2 ft.	B. & B.....	2.00	17.50	150.00
2 to 2½ ft.	B. & B.....	2.75	22.50	200.00
2½ to 3 ft.	B. & B.....	4.00	35.00	300.00
3 to 3½ ft.	B. & B.....	5.50	50.00	

— cripisi. 8'-10'**Cripps Golden Cypress**

Probably the brightest yellow form; grows slowly. Hardy.

12 to 15 in.	B. & B.....	1.50	12.50	100.00
15 to 18 in.	B. & B.....	2.00	15.00	125.00
1½ to 2 ft.	B. & B.....	2.50	20.00	165.00
2 to 2½ ft.	B. & B.....	3.00	25.00	225.00
2½ to 3 ft.	B. & B.....	4.00	35.00	300.00
3 to 4 ft.	B. & B.....	5.00	45.00	400.00

— filicoides. 8'-10'**Fernspray Cypress**

The leaf covered branchlets are so arranged as to resemble fern fronds: an unusual kind, worthy of a spot in rock garden.

9 to 12 in.	B. & B.....	1.50	12.50
12 to 15 in.	B. & B.....	2.25	20.00

— gracilis. 12'-15'**Slender Hinoki Cypress**

Particularly fine rich blackish green foliage; slowly grows into a rugged pyramid. Makes a handsome hedge. Hardy.

15 to 18 in.	B. & B.....	2.25	20.00	150.00
1½ to 2 ft.	B. & B.....	2.75	22.50	200.00
2 to 2½ ft.	B. & B.....	4.00	35.00	
2½ to 3 ft.	B. & B.....	5.00	45.00	
3 to 4 ft.	B. & B.....	6.00	55.00	500.00
4 to 5 ft.	B. & B.....	7.50	70.00	

— aurea. 10'-12'**Yellowtip Hinoki Cypress**

This golden leaved form grows more slowly and irregular.

3 to 4 ft.	B. & B.....	7.50	
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— compacta. 6'-8'**Compact Hinoki Cypress**

A curious "Japanese" form slender in outline; closely packed foliage and twisted branchlets make this quite a distinct "find."

15 to 18 in.	B. & B.....	3.00	27.50	225.00
1½ to 2 ft.	B. & B.....	4.00	35.00	
3 to 4 ft.	B. & B.....	7.50		
5 to 6 ft.	B. & B.....	13.50		

— magnifica. 30'-35'

An improvement on the type in vigor and foliage. Handsome.

3 to 4 ft.	B. & B.....	4.00	35.00
4 to 5 ft.	B. & B.....	4.50	40.00
5 to 6 ft.	B. & B.....	6.00	50.00

Each Per 10 Per 100

CHAMAECYPARIS (RETINOSPORA) ALL EVERGREEN

obtusa nana. 2'-3' Dwarf Hinoki Cypress

Because it is slow growing the Japanese use this variety most effectively in pots. It soon assumes the character of age, preserving the rich green coloring. Dwarfest and most compact of all Cypress, therefore most useful in rock gardens.

3 to 6 in. pot grown or B. & B.....	1.75	15.00	120.00
6 to 9 in. pot grown or B. & B.....	2.25	20.00	165.00
9 to 12 in. pot grown or B. & B.....	2.75	25.00	225.00

— youngi. 20'-25' Young Golden Cypress

Has a loose graceful habit and yellow tipped branchlets. Resembles a hemlock from a little distance. A handsome form.

2 to 3 ft. B. & B.....	3.50	30.00	275.00
3 to 4 ft. B. & B.....	4.50	40.00	
4 to 5 ft. B. & B.....	6.00	52.50	
5 to 6 ft. B. & B.....	7.50	67.50	
6 to 7 ft. B. & B.....	11.00		

pisifera. 40'-50' Sawara Cypress

Quickly develops into loose pyramid: hardiest of the family.

2 to 2½ ft. B. & B.....	1.50	13.50	
2½ to 3 ft. B. & B.....	2.25	20.00	150.00
3 to 4 ft. B. & B.....	2.75	22.50	200.00
4 to 5 ft. B. & B.....	3.50	30.00	275.00
5 to 6 ft. B. & B.....	5.00	45.00	

— aurea. 35'-40' Golden Sawara Cypress

Foliage is shining yellow. A better specimen than the green type.

1½ to 2 ft. B. & B.....	1.25	10.00	75.00
2 to 2½ ft. B. & B.....	1.50	13.50	125.00
2½ to 3 ft. B. & B.....	2.25	20.00	150.00
3 to 4 ft. B. & B.....	2.75	22.50	200.00
4 to 5 ft. B. & B.....	3.50	30.00	
5 to 6 ft. B. & B.....	5.00	45.00	
6 to 8 ft. B. & B.....	7.50	70.00	600.00

— filifera. 20'-25' Thread Cypress

Has long stringy drooping branches, but forms well shaped compact broad pyramid of a good green shade. Even without care remains in good condition indefinitely. Good spot plant.

1½ to 2 ft. B. & B.....	1.25	10.00	75.00
2 to 2½ ft. B. & B.....	1.50	12.50	90.00
2½ to 3 ft. B. & B.....	2.25	20.00	150.00
3 to 4 ft. B. & B.....	3.00	27.50	225.00
4 to 5 ft. B. & B.....	4.50	40.00	375.00
5 to 6 ft. B. & B.....	6.00	50.00	

— aurea. 10'-15' Golden Thread Cypress

This form grows more loosely, but the golden threads are brighter than any other evergreen. Stays low until a good age.

15 to 18 in. B. & B.....	1.50	12.50	100.00
1½ to 2 ft. B. & B.....	2.25	20.00	150.00
2 to 2½ ft. B. & B.....	3.00	27.50	225.00
2½ to 3 ft. B. & B.....	4.00	35.00	300.00
3 to 4 ft. B. & B.....	5.00	45.00	400.00
4 to 5 ft. B. & B.....	7.00	60.00	
5 to 6 ft. B. & B.....	9.00		

— aureo-variegata. 10'-12' Variegated Thread Cypress

The half green, half yellow coloring is not so remarkable, but its billowy outline gives it rugged age-old individuality.

15 to 18 in. B. & B.....	1.25		
1½ to 2 ft. B. & B.....	2.00		
2 to 2½ ft. B. & B.....	3.00		
2½ to 3 ft. B. & B.....	4.00		
3 to 3½ ft. B. & B.....	5.00		

Each Per 10 Per 100

CHAMAECYPARIS (RETINOSPORA) ALL EVERGREEN

pisifera plumosa. 35'-40' Plume Cypress

A feathery pyramid that can be sheared into formal shapes.
It makes a good hedge where a close fine texture is called for.

2	to	2½ ft.	B. & B.....	1.35	12.00	90.00
2½	to	3 ft.	B. & B.....	2.00	16.50	125.00
3	to	4 ft.	B. & B.....	2.25	20.00	150.00
4	to	5 ft.	B. & B.....	3.50	30.00	
5	to	6 ft.	B. & B.....	5.00	45.00	
6	to	8 ft.	B. & B.....	7.50	70.00	

— — aurea. 25'-30' Golden Plume Cypress

Quite a favorite for high lights in a mixed planting. The yellow foliage is particularly bright in spring. Easily trimmed.

15	to	18 in.	B. & B.....	1.00	7.50	60.00
1½	to	2 ft.	B. & B.....	1.25	10.00	75.00
2	to	2½ ft.	B. & B.....	1.50	12.50	110.00
2½	to	3 ft.	B. & B.....	2.00	15.00	135.00
3	to	4 ft.	B. & B.....	2.75	22.50	200.00
4	to	5 ft.	B. & B.....	4.50	40.00	350.00
5	to	6 ft.	B. & B.....	6.00	55.00	

— — lutescens. 3'-4' Dwarf Yellow Plume Cypress

A low broad round topped bush, sulphur tipped branches.

12	to	15 in.	B. & B.....	1.25	10.00	
15	to	18 in.	B. & B.....	2.00	15.00	
1½	to	2 ft.	B. & B.....	2.75	22.50	

— — nana. 2' Dwarf Plume Cypress

This neat compact little cushion of green looks at home in a rock garden or even when planted formally. Remains dwarf.

6	to	9 in.	B. & B.....	1.00	7.50	60.00
9	to	12 in.	B. & B.....	1.25	10.00	90.00
12	to	15 in.	B. & B.....	1.75	15.00	125.00
15	to	18 in.	B. & B.....	2.75	22.50	200.00
1½	to	2 ft.	B. & B.....	3.75		

— squarrosa nana. 2' Dwarf Woolly Cypress

Looks exactly what it is, a stunted form of Moss cypress.

9	to	12 in.	B. & B.....	1.75	15.00	
12	to	15 in.	B. & B.....	2.00		
15	to	18 in.	B. & B.....	2.75		
1½	to	2 ft.	B. & B.....	3.75		

— — veitchi. 25'-30' Veitch Moss Cypress

Which is a remarkable plant. The blue-gray foliage and intricate branchlets combine to make a dense, broad woolly pyramid. Quite a billowy tree in age. Apt to sun-scauld.

1½	to	2 ft.	B. & B.....	1.25	10.00	
2	to	2½ ft.	B. & B.....	1.75	15.00	
2½	to	3 ft.	B. & B.....	2.25	20.00	
3	to	4 ft.	B. & B.....	3.00	27.50	
4	to	5 ft.	B. & B.....	4.50		

CHIMAPHILA maculata. 6"-8" Pipsissewa

EVERGREEN. Essentially a shady woods plant where it revels in leaf mold, but soon establishes a home in a shady pocket in the rock garden. The handsome long narrow leaves are beautiful, marbled white with purple tinges throughout, and the loveliest white saucers are held up on long stems.

Nursery clumps30	2.50	18.00
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Each Per 10 Per 100

CHIONANTHUS virginica. 20'-25' *White Fringe*

Loose tassels of fragrant white flowers are effective against the bold dark green foliage; really handsome for "dominant" spots. Dark purple plum-like fruits are quickly eaten by birds.

2	to	3	ft.....	.75	6.00	50.00
3	to	4	ft.....	1.20	10.00	75.00
4	to	5	ft.....	1.50	13.50	120.00
5	to	6	ft.....	2.25	20.00	

CLADRASTIS lutea. 40'-50' *Yellow-wood*

Has loose bunches of fragrant white pea shaped flowers in June. The clear yellow autumn coloring is striking, too.

2	to	3	ft.....	1.50	13.50	120.00
3	to	4	ft.....	2.00	15.00	135.00
4	to	6	ft.....	3.00	27.50	225.00
6	to	8	ft.....	3.50		

CLEMATIS montana rubens. Vine, 20'-25' *Anemone Clematis*

Graceful, slender yet vigorous vine which in May is studded with blush star-like flowers, remains in good condition weeks.

2	yr.....	.60	5.00	40.00
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paniculata. Vine, 25'-30' *Sweet Autumn Clematis*

The sweet September fragrance of this old favorite indicates its presense long before the flower laden vine is seen; and the feathery seeds are also decorative. Belongs to the home.

3	yr.....	.40	3.00	25.00
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CLETHRA alnifolia. 7'-8' *Summer Sweet*

Useful for damp woodlands where the erect white flower spikes spice the air with a "peppery" odor all summer. Will grow contentedly even in poor soil or sun, best in half shade.

1½	to	2	ft.....	.45	3.50	25.00
2	to	3	ft.....	.50	4.50	35.00
3	to	3½	ft.....	.60	5.50	45.00
3½	to	4	ft.....	.80	7.00	60.00

COLUTEA arborescens. 10'-12' *Bladder Senna*

So called because the reddish seed pods are inflated, which follow the small bright yellow pea blossoms. Interesting.

3	to	4	ft.....	.50	4.00	
4	to	5	ft.....	.70	6.00	
5	to	6	ft.....	.80	7.00	
6	to	8	ft.....	1.00	9.00	

CORNUS alba (sibirica.) 8'-10' *Coral Dogwood*

Grows vigorously in moist places where the vivid red bark is strikingly evident throughout winter, particularly if used with the yellow twigged form. Birds quickly eat the berries.

3	to	4	ft.....	.50	4.00	
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alternifolia. 15'-20' *Pagoda Dogwood*

Too seldom used, this handsome shrub is full of character, with flat spreading tiers of branches creating deep shadows.

2	to	3	ft.....	.60	5.00	
3	to	4	ft.....	.75	6.50	
4	to	5	ft.....	1.00	8.00	
5	to	6	ft.....	1.25		

amomum. 8'-10' *Silky Dogwood*

In autumn the bluish fruits are most ornamental and even in winter the purplish branches give color. Good for massing, particularly in swampy areas. Has large silky foliage.

2	to	3	ft.....	.40	3.00	
3	to	4	ft.....	.50	4.00	
4	to	5	ft.....	.60	5.00	40.00

Each Per 10 Per 100

CORNUS controversa. 25'-30' *Giant Dogwood*

Rarely seen and of no outstanding merit although the blue-black fruits are quite large and it develops character with age.

2	to	3	ft.....	.60		
3	to	4	ft.....	.80		

florida. 25'-30' *White Flowering Dogwood*

Surely everyone knows this splendid tree. Nothing is so spectacularly beautiful in spring as the banks of white flowers that border the woods. Then the profusion of glittering red berries and finally the brilliant autumn display of rich coloring, pink, crimson, scarlet, maroon. And in winter the twiggy intricate branch system forms a lacy network full of interest and beauty. Very adaptable and transplants readily.

2	to	3	ft.....	.60	4.50	30.00
3	to	4	ft.....	.75	6.00	50.00
4	to	5	ft.....	1.25	10.00	75.00
5	to	6	ft.....	1.75	15.00	125.00
6	to	8	ft.....	2.75	22.50	200.00
8	to	10	ft.....	4.50	40.00	

— rubra. 25'-30' *Red Flowering Dogwood*

Substitute pink flowers and you can imagine what a gorgeous effect can be made by using this form either alone or with the white type. Splendid free flowering specimens.

2	to	3	ft.....	1.50	12.00	100.00
3	to	4	ft. B. & B.....	2.00	15.00	125.00
4	to	5	ft. B. & B.....	3.50	30.00	225.00
5	to	6	ft. B. & B.....	5.25	45.00	400.00
6	to	7	ft. B. & B.....	6.75	60.00	525.00
7	to	8	ft. B. & B.....	10.00	90.00	
8	to	9	ft. specimens, B. & B.....	16.50		

kousa. 15'-20' *Kousa Dogwood*

In this Japanese counterpart of our dogwood the white flowers are borne after the leaves have expanded and thus lengthens the "Dogwood season." Large crimson strawberry-like fruits are attractive to humans and birds alike.

2	to	3	ft.....	.75	6.00	50.00
3	to	4	ft.....	1.25	10.00	75.00
4	to	5	ft.....	1.75	15.00	125.00
5	to	6	ft.....	2.25	20.00	150.00
6	to	8	ft.....	2.75	24.00	

— chinensis. 15'-20' *Chinese Dogwood*

Has still larger flowers: and don't the birds relish the fruits!

3	to	4	ft.....	1.50	12.50	100.00
4	to	5	ft.....	2.00		

mas. 15'-20' *Cornelian Cherry*

Generally the first shrub to show color in spring when the twiggy branches are covered in a yellow mist that gradually becomes brighter. Later the cherry-like fruits are attractive, and palatable. Should be used extensively in border plans.

2	to	3	ft.....	.75	6.00	50.00
3	to	4	ft.....	1.00	7.50	60.00
4	to	5	ft.....	1.50	12.50	100.00
5	to	6	ft.....	2.25	20.00	

paniculata. 10'-12' *Gray Dogwood*

Here is the massing shrub "par excellence." Bordering swampy sections great mounds can be seen with the myriad clusters of white berries on red stems adding color to the countryside. A splendid foliage mass. Good in upland too.

1½	to	2	ft.....	.40	3.00	25.00
2	to	3	ft.....	.50	4.00	30.00
3	to	4	ft.....	.60	5.50	50.00

Each Per 10 Per 100

CORNUS stolonifera. 8'-10'**Red Osier Dogwood**

Valued chiefly for its bright red twigs, a welcome note in the dull winter landscape. Severe annual pruning will bring out the color. Will form a thicket eventually. Loves moisture.

2	to	3	ft.	.....	.40	3.00
3	to	4	ft.	.....	.50	4.00

— flaviramea. 6'-8'**Goldentwig Dogwood**

Surprisingly bright yellow bark brightens any corner where this fellow is planted. Smaller than, but good with red osier.

1½	to	2	ft.	.....	.30	2.50
2	to	3	ft.	.....	.50	4.00

COTONEASTER acutifolia. 8'-10'**Pekin Cotoneaster**

So hardy that in the colder middle West this shrub is used extensively as a hedge plant and it has just the right spreading twiggy habit to show off the numerous black berries.

2	to	3	ft.	.....	.60	4.50	30.00
3	to	4	ft.	.....	.75	6.00	45.00
4	to	5	ft.	.....	1.00	7.50	

adpressa. 9'-12''**Creeping Cotoneaster**

Decidedly a rock plant, where the creeping branches weave in and around intricately forming an interesting mound. The glossy dark green wavy leaves show off the large bright red berries to perfection. Must have a sunny spot.

12	to	15	in., B. & B.	1.50		
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dielsiana. (applanata) 5'-6'**Diel's Cotoneaster**

Has slender arching branches, pinkish flowers and small foliage. Bright red fruits add to its beauty.

1½	to	2	ft.	B. & B.	.....	1.00	7.50
2	to	3	ft.	B. & B.	.....	1.25	10.00

divaricata. 4'-6'**Spreading Cotoneaster**

When studded with scarlet fruits this shrub justifies a choice position. Vigorous and spreading with good clean foliage. Another little known gem, useful as a hedge or specimen.

1½	to	2	ft.	B. & B.	.....	1.50	12.50	110.00
2	to	3	ft.	B. & B.	.....	2.00	15.00	125.00
3	to	4	ft.	B. & B.	.....	2.25	20.00	150.00

foveolata. 8'-10'**Pitted Cotoneaster**

A big fellow with splendid autumn dress, which shows off the glittering black berries. Has interesting irregular growth.

1½	to	2	ft.	B. & B.	.....	1.50	12.50
2	to	3	ft.	B. & B.	.....	2.00	15.00
3	to	4	ft.	B. & B.	.....	2.25	20.00

franchetti. 8'-10'**Franchet Cotoneaster**

HALF EVERGREEN. A handsome member of this splendid family. The deeply veined rich green leaves accentuate the orange-red berries. Red and orange autumn coloring of foliage remains in reasonably good condition almost till spring.

1½	to	2	ft.	B. & B.	.....	1.25	11.00
2	to	3	ft.	B. & B.	.....	1.50	13.50
3	to	4	ft.	B. & B.	.....	2.25	20.00

horizontalis. 2'-3'**Rock Cotoneaster**

HALF EVERGREEN. The flat spray-like branches make an ideal cover for rocks or bank, especially when the deep green box-like leaves are bejewelled with the scarlet berries. Full open sunny place is best. Rather difficult to transplant.

3	in. pots75	6.00
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COTONEASTER

EachPer 10Per 100

horizontalis perpusilla. 1'-2'

Dwarf Rock Cotoneaster

HALF EVERGREEN. Smaller and neater than its parent, but even more effective in rock work. The bright red berries are generally larger, leaves are smaller, but more numerous.

4 in. pots.....	1.25	10.00	75.00
5 in. pots.....	1.50		

hupehensis. 5'-6'

Hupeh Cotoneaster

Really a handsome flowering shrub, the willowy branches forming garlands of white in June and then are weighted down with numerous red fruits. Leaves yellow in autumn.

2 to 3 ft.	B. & B.....	2.00		
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microphylla thymifolia. 2'

Thyme Rockspray

EVERGREEN. A good name, for the tiny leaves seem almost part of the thick twigs. Being very dwarf and compact it is a good rock plant. Red berries are comparatively large.

9 to 12 in.	B. & B.....	1.25	10.00	75.00
12 to 15 in.	B. & B.....	1.50	12.50	

racemiflora soongarica. 6'-7'

Coral Fruited Cotoneaster

When seen in full fruit this lovely shrub never fails to excite admiration and cause superlative adjectives. The wide spreading branches are just loaded with coral berries, contrasting vividly with the round gray-green leaves. Plant in open and give space to develop, at least six feet apart.

4 to 5 ft.	B. & B.....	5.00		
5 to 6 ft.	B. & B.....	7.50		

rotundifolia. 6'-7'

Roundleaf Cotoneaster

HALF EVERGREEN. Red berries in galore, clean attractive foliage and easily grown; there is no good reason why this shrub should not be extensively planted. Good for hedges.

2 to 3 ft.	B. & B.....	1.25	11.00	90.00
3 to 4 ft.	B. & B.....	1.50	12.50	

CRATAEGUS carrieri. 15'-20'

Carrier Hawthorn

Very large round orange-red fruits persist nearly all winter. Has distinctive gray bark: open growth and rather round head.

4 to 6 ft.....	2.00			
6 to 8 ft.....	2.75			

coccinea. 10'-12'

Thicket Hawthorn

That is right, a real thicket shrub, for the intricate maze of branches form a veritable barrier. The white May-flowers are large and give place to rather dull brown-red berries. Shiny bright green foliage is almost oval, good till late Fall.

3 to 4 ft.....	1.25	10.00	75.00	
4 to 5 ft.....	1.50	12.50	100.00	
5 to 6 ft.....	2.00	17.50	150.00	
6 to 8 ft.....	2.50	22.50	200.00	

cordata. 20'-25'

Washington Thorn

Beginning in May with white flowers followed by brilliant scarlet fruits which last nearly all winter, and throughout its pageant of autumn color this is interesting and beautiful.

3 to 4 ft.....	1.25	10.00	75.00	
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CRATAEGUS

Each Per 10 Per 100

crusgalli. 20'-25'**Cockspur Thorn**

Apart from the mass of white flowers this Thorn is valuable for the shiny rich green leaves that stay fresh until late autumn, then turn orange. If left by birds some fruits will persist until spring. A practical hedge, an interesting tree.

3	to	4	ft.....	1.25	10.00	75.00
4	to	5	ft.....	1.50	12.50	100.00
5	to	6	ft.....	2.00	17.50	150.00
6	to	8	ft.....	2.50	22.50	200.00

mollis. 20'-25'**Downy Hawthorn**

Has large light green thin leaves, showy white red-centered flowers, scarlet pear-shaped fruits. Vigorous and ornamental.

3	to	4	ft.....	1.25	10.00	75.00
4	to	5	ft.....	1.50	12.50	100.00
5	to	6	ft.....	2.00	17.50	150.00
6	to	8	ft.....	2.50	22.50	200.00
8	to	10	ft. specimens, B. & B.....	5.25		

oxycantha. 20'-25'**English Hawthorn**

In England this "May Tree" is often used for hedging, but the clusters of large fragrant white flowers with their elusive fragrance and red berries make it worthy of general planting.

3	to	4	ft.....	.75	6.00	45.00
4	to	5	ft.....	1.00	7.50	60.00
5	to	6	ft.....	1.25	10.00	85.00
6	to	8	ft.....	1.50	13.50	125.00

— Double White, — Double Pink, — Paul's Scarlet.

Double flowering forms that have been perpetuated because of the freedom with which they produce their blossoms.

2	to	3	ft.	B. & B.....	1.50	12.50	90.00
3	to	4	ft.	B. & B.....	2.00	15.00	125.00
4	to	5	ft.	B. & B.....	2.25	20.00	150.00
5	to	6	ft.	B. & B.....	2.75	25.00	200.00
6	to	8	ft.	B. & B.....	4.50	40.00	
8	to	10	ft. (blush only)	B. & B.....	7.50		
10	to	12	ft.	" B. & B.....	10.00		

CRYPTOMERIA**japonica dacrydioides. 15'-20'****Fern Cryptomeria**

EVERGREEN. An odd rarity with branches irregularly arranged, all covered with typical thick prickly "leaves" of brownish green. Develops more naturally in a sheltered spot.

3	to	4	ft.	B. & B.....	6.00		
4	to	5	ft.	B. & B.....	8.50		
5	to	6	ft.	B. & B.....	11.00		

— lobbi. 50'-60'**Lobb Cryptomeria**

EVERGREEN. For this section undoubtedly the best form. It makes an irregular column of dark green, which changes to a warm purple bronze in winter. It wears so well that it has been most effectively used to replace native cedars that succumb to civilization. It is difficult to imagine any tree that has more dignity and inherent character than this. An avenue of large trees creates a most inspiring effect. A warm, moist, well-drained spot is ideal, grows late in Fall.

2	to	3	ft.	B. & B.....	2.25	20.00	150.00
3	to	4	ft.	B. & B.....	3.25	27.50	225.00
4	to	5	ft.	B. & B.....	4.75	42.50	375.00
5	to	6	ft.	B. & B.....	6.50	60.00	525.00
6	to	7	ft.	B. & B.....	9.00	80.00	675.00
7	to	8	ft.	B. & B.....	12.00	110.00	1000.00
8	to	9	ft.	B. & B.....	15.00	135.00	

CYDONIA

Each Per 10 Per 100

japonica. 3'-4'*Flowering Quince*

Quite unnoticed until the dazzling scarlet pageant of flowers arrests your attention in early spring. Seedling plants vary in color, and the fruits are spicily fragrant. Makes good hedge.

1	to	1½ ft.....	.30	2.50	20.00
1½	to	2 ft.....	.40	3.00	25.00
2	to	2½ ft.....	.50	4.00	35.00

— alpina. 1'-2'*Alpine Quince*

A slow growing almost prostrate form with pink flowers.

12	to	18 in.....	1.00	9.00	
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— grandiflora. 3'-4'

Cream colored flowers variegated with pink—quite a novelty.

1½	to	2 ft.....	1.00		
2	to	2½ ft.....	1.25		

— nivalis. 3'-4'*White Flowering Quince*

The best white form with large flowers freely produced.

2	to	2½ ft.....	1.25		
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— sanguinea. 3'-4'*Bloodred Flowering Quince*

A real improvement on the old type both in color and size of flower. A good grower, too—dependable and uniform.

1½	to	2 ft.....	1.00		
2	to	2½ ft.....	1.25		

maulei. 2'-3'*Lesser Flowering Quince*

If brilliancy is desired this low spiny bush ranks high for the vivid red flowers are remarkable in April. Try training this and other varieties on a south wall—surprisingly good.

1	to	1½ ft.....	.60	5.00	40.00
1½	to	2 ft.....	.75	6.00	50.00
2	to	2½ ft.....	1.00	7.50	

pygmaea. 2'-3'*Pygmy Quince*

Usually a dense bush that sparingly produces flowers of a curious pale salmon-pink color. More interesting than beautiful.

12	to	18 in.....	1.00	9.00	
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DAPHNE cneorum. 1'*Rose Daphne*

EVERGREEN. Gray-green foliage, rose-pink deliciously fragrant flowers and a clean, neat habit make this garden gem the most appealing subject to any plant lover. Seems to thrive equally well in acid or sweet soil, in half shade or full sun, and certainly seems at home in the rock garden.

6	to	9 in.	B. & B.....	.75	6.00	50.00
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DAVIDIA involucrata. 40'-50'*Dove Tree*

Eventually forms a pyramidal tree with large handsome foliage, but the chief distinction is the long graceful creamy white floral bracts hanging from the branches, a lovely picture that few have seen. Needs a sheltered spot, and worth it.

12	to	15 in. pot grown.....	10.00		
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DEUTZIA gracilis. 3'-4'*Slender Deutzia*

One of the most useful of all low shrubs. A profusion of snow white flowers cover the round topped bush in May.

1½	to	2 ft.....	.40	3.00	25.00
2	to	2½ ft.....	.50	4.00	

magnifica. 6'-8'*Showy Deutzia*

Really magnificent in bloom, has great clusters of white flowers, more showy and desirable than any other variety.

2	to	3 ft.....	.40	3.00	25.00
3	to	4 ft.....	.50	4.00	30.00

DEUTZIA

Each Per 10 Per 100

scabra crenata. 6'-7'**Scallop leaf Deutzia**

Rather stiff branches set off the pinkish fringed flowers.

2	to	3	ft.....	.40	3.00	25.00
3	to	4	ft.....	.50	4.00	30.00

— Pride of Rochester. 8'-9'**Pink Deutzia**

Deservedly popular, this husky fellow produces clouds of tassel-like flowers in May which last for some weeks. The usual blush coloring sometimes deepens to a real pink.

2	to	3	ft.....	.40	3.00	25.00
3	to	4	ft.....	.50	4.00	30.00
4	to	5	ft.....	.60	5.00	40.00

DIERVILLA trifida. 3'-4'**Dwarf Bush Honeysuckle**

So called because the yellow mid-summer flowers somewhat resemble the honeysuckle. In landscape planting it is a most useful low bush for shade, where autumn color shows well. Soon forms a sightly mass by underground stems.

1½	to	2	ft.....	.50	4.00	35.00
2	to	2½	ft.....	.60	5.00	

ELAEAGNUS longipes. 5'-6'**Gumi - Cherry Eleagnus**

Hot dry sunny place seems to perfect this shrub. Except for their fragrance the yellow flowers would be unnoticed, but the long stemmed orange-red fruits are most decorative.

1½	to	2	ft.....	.50	4.00	30.00
2	to	3	ft.....	.60	5.00	40.00

umbellata. 10'-12'**Autumn Eleagnus**

As with the "Gumi" this big brother has gray-green leaves covered with a silvery dust. This same covering spreads even to the small encrusted red berries. Indifferent to drought.

2	to	3	ft.....	.50	4.00	
3	to	4	ft.....	.60	5.00	

ENKIANTHUS campanulatus. 12'-15'**Redvein Enkianthus**

Something to enthuse over! Without artificial shaping will develop into a handsome large shrub well clothed with clean foliage which turns brilliant red in fall. Bunches of nodding flowers are borne on the whorled branches, and these red-veined white cups are quite unlike any other flower.

2	to	3	ft.	B. & B.....	3.50	30.00
3	to	4	ft.	B. & B.....	4.50	40.00

EUONYMUS alatus. 7'-8'**Winged Euonymus**

Pink and crimson in autumn, interesting corky branches in winter, this handsome interesting shrub is all too little known.

2	to	3	ft.....	.50	4.00	30.00
3	to	4	ft.....	.65	5.50	45.00
4	to	5	ft.....	.90	8.00	70.00
5	to	6	ft.....	1.25	10.00	90.00

europaeus. 15'-20'**European Burning Bush**

Has pink fruits, green bark, green leaves and good fall color.

3	to	4	ft.....	.50	4.00	
4	to	5	ft.....	.65	5.50	

patens. 8'-10'**Spreading Euonymus****HALF-EVERGREEN.** If in doubt plant this shrub - it seems contented in all places and conditions. The glossy 3-inch wavy leaves become stained with purple as autumn progresses and the orange fruits hang on almost until spring. Makes a broad round specimen, perfectly shaped for hedges.

15	to	18	in .....	.60	5.00	40.00
1½	to	2	ft.....	.70	6.00	50.00
2	to	3	ft.....	.80	7.00	60.00
3	to	4	ft.....	1.25	11.00	

EUONYMUS

Each Per 10 Per 100

radicans. Vine, 15'-20' *Wintercreeper*

EVERGREEN. Makes good cover for wall or ground.

2 yr..... .40 3.00 25.00

— *coloratus*. 4'-6' *Purple Wintercreeper*

EVERGREEN. For a ground cover in shade there are few things to equal this. The long narrow leaves are rosy-purple underneath and the veins pencilled in gray. Most adaptable.

2 yr..... .40 3.00 25.00

— *vegetus*. Vine, 12'-15' *Bigleaf Wintercreeper*

EVERGREEN. Generally conceded to be the most reliable self-clinging evergreen vine in the north. From the shrubby bush long basal shoots climb on almost any support. Has thick dull green round leaves and orange fruits in profusion.

2 yr..... .40 3.00 25.00

3 yr..... .50 4.00 30.00

4 yr..... .75 6.00 45.00

EVODIA chinensis. 20'-25'

Evodia

A small tree with compound leaves, tiny pinkish white flowers in small clusters followed by reddish seed pods. Scarce.

1½ to 2 ft..... .60 5.00

2 to 3 ft..... .90 7.50

FAGUS americana. 80'-100'

American Beech

Grows slowly, but a handsome native, whose clean gray-barked trunks are familiar in light woods. Prefers well drained alkaline soil and spring planting. Truly a beautiful tree.

2 to 3 ft. B. & B..... 2.00 15.00 125.00

3 to 4 ft. B. & B..... 2.25 20.00 150.00

sylvatica. 80'-100'

European Beech

Has smaller darker leaves and grows even more slowly than the native. Likes similiar treatment, shade while young.

2 to 3 ft. B. & B..... 2.00 15.00 125.00

3 to 4 ft. B. & B..... 2.25 20.00 150.00

4 to 5 ft. B. & B..... 3.00

— *asplenifolia*. 60'-70'

Fernleaf Beech

Well named for the deeply cut long narrow graceful leaves.

2 to 3 ft. B. & B..... 3.50 30.00

— *fastigiata*. 40'-50'

Upright Beech

Not considering time this would be an excellent substitute for the Lombardy Poplar. Inspiring when mature. Scarce.

1½ to 2 ft B. & B..... 2.75 22.50

2 to 3 ft B. & B..... 3.50 30.00

— *pendula*. 50'-60'

Weeping Beech

Of all "weeping" trees this is the finest, the branches descend to the ground in broad tortuous curves making a character specimen even in winter. Effective on rolling contours.

2 to 3 ft. B. & B..... 3.00

3 to 4 ft. B. & B..... 5.00

4 to 5 ft. B. & B..... 7.50

— *riversi*. 70'-80'

Rivers Purple Beech

The best purple leaf tree, grafted. Handsome and dignified.

2 to 3 ft. B. & B..... 3.00 25.00 225.00

3 to 4 ft. B. & B..... 4.50 42.50 375.00

4 to 5 ft. B. & B..... 6.50 57.50 500.00

5 to 6 ft. B. & B..... 9.00 80.00 725.00

Each Per 10 Per 100

FORSYTHIA intermedia. 8'-9'**Border Golden Bell**

Almost synonymous with April, and the long branches are useful for winter forcing. This form has arching branches.

2	to	3	ft.....	.40	3.00	25.00
3	to	4	ft.....	.50	4.00	30.00
4	to	5	ft.....	.60	5.00	

— spectabilis. 8'-9'**Showy Border Golden Bell**

Here is the most spectacular member of the family, with larger deeper yellow flowers in profusion. Indispensable.

1½	to	2	ft.....	.30	2.50	20.00
2	to	3	ft.....	.40	3.00	25.00
3	to	4	ft.....	.50	4.00	30.00
4	to	5	ft.....	.60	5.00	40.00

suspensa. 6'-8'**Weeping Golden Bell**

Much more graceful, particularly if allowed to hang over a retaining wall. The willowy branches root at the tips and form an immense mass in a few years. Effective on walls.

1½	to	2	ft.....	.30	2.50	20.00
2	to	3	ft.....	.40	3.00	25.00
3	to	4	ft.....	.50	4.00	30.00
4	to	5	ft.....	.60	5.00	

viridissima. 8'-9'**Green Stem Forsythia**

The last to flower. Vigorous, upright stems have green bark.

1½	to	2	ft.....	.30	2.50	20.00
2	to	3	ft.....	.40	3.00	25.00
3	to	4	ft.....	.50	4.00	30.00
4	to	5	ft.....	.60	5.00	40.00

FRAXINUS americana. 80'-100'**White Ash**

Grows rapidly in moist lime soil. The compound leaves take on a distinct metallic purple hue before yellowing.

10	to	12	ft., 1½ to 2 in.....	3.00		
12	to	14	ft., 2 to 2½ in.....	4.50		

GAULTHERIA procumbens. 4"-6"**Wintergreen**

EVERGREEN. Beloved denizen of the cool woods, making a solid mat with its leathery inch long oval leaves, to display the waxy white nodding urn-shaped flowers followed by the familiar cherry-red aromatic berries. Acid soil, please.

Nursery clumps25	2.10	15.00		
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GENISTA pilosa. 1'-2'**Silky Leaf Broom**

Will convert a hot, stony bank into a blanket of brilliant yellow in May and June. The dark, neat foliage is attractive.

3 yr., 9 to 12 in.....	1.25	9.00	75.00			
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sagittalis. 9"-12"**Arrowhead Broom**

Low almost prostrate flat jointed stems curve up to hold the little bunches of clear yellow pea-blossoms in June and July, and afterwards the silky seed pods hold attention.

3 yr90	7.50	60.00			
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GINKGO biloba. 100'**Maidenhair Tree**

Full of interest, historically and physically, a grand old patriarch of a bygone age. Practically insect, dust and disease proof; good for city planting, but oh! how slowly it grows.

6	to	8	ft.....	3.50	30.00	
8	to	10	ft., 1¼ to 1½ in.....	4.50	40.00	

GYMNOCLADUS dioica. 60'-80'**Kentucky Coffee Tree**

Gnarled branchlets and thick branches create a picture of age.

2	to	3	ft.....	.90	7.50	
3	to	4	ft.....	1.25	11.00	
4	to	5	ft.....	1.50		

	Each	Per 10	Per 100
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HALESIA tetraptera. 20'-25'**Great Silver Bell**

During May a lovely thing indeed. Myriads of little pearly bells dangle from the reaching branches, to be followed by interesting brown winged seeds. Will yet come into its own.

3	to	4	ft.....	.60	5.00	40.00
4	to	5	ft.....	.75	6.00	50.00
5	to	6	ft.....	.90	8.50	75.00
6	to	8	ft.....	1.35	12.50	100.00

HAMAMELIS mollis. 15'-25'**Chinese Witch Hazel**

Every February this glorious shrub surprises us with its fragrant ribbon-like flowers of spun gold draped throughout the branches. Always a cheerful spot in a drab winterscape, even in zero weather. In summer the handsome velvety gray-green foliage clothes this well shaped bush, which seems happiest in slightly moist place. Indispensable for the border.

1½	to	2	ft.....	.90	7.50	
2	to	3	ft.....	1.25	10.00	

vernalis**Vernal Witch Hazel**

Not so showy but sweetly fragrant these pale yellow flowers mature in January, opening and closing with warm and cold spells. The small foliage is smooth but deeply veined.

There is also a form with flowers stained with brownish-red.

1½	to	2	ft.....	.60	5.00	
2	to	3	ft.....	.75	6.00	

virginiana. 15'-25'**Witch Hazel**

The fringy light yellow flowers are conspicuous in November brightening our native woods. Splendid in mass when the rich yellow autumn color is effective bordering swamps.

1½	to	2	ft.....	.40	3.00	25.00
2	to	3	ft.....	.60	5.00	40.00
3	to	4	ft.....	.70	6.00	50.00
4	to	5	ft.....	.80	7.00	60.00

HEDERA helix. 60'-75'**English Ivy**

EVERGREEN. Where hardy the finest ground or wall cover. For this section it is best to plant where morning sun does not strike. In winter the rich green foliage is beautifully veined with white. Once established it becomes ageless.

3 in. pots30	2.50	20.00
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— baltica. 30'-40'**Baltic Ivy**

Quite similar to the English Ivy, but has smaller leaves veined white, which in winter assume a purplish tone. Being really hardy this is more reliable for general use. Clings tightly.

4 in. pots.....	.60	5.00	40.00
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— conglomerata. 1½'-2'**Bunchleaf Ivy**

The curiously twisted stems are crowded with small wavy leaves. Looks perfectly at home in the rock garden where it never grows out of bounds, introduces a weathered effect.

4 year.....	.75	6.00	
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— gracilis. 40'-50'**Small Leaf English Ivy**

A more refined offspring from the English Ivy. The slender vines are not so densely clothed with foliage which is deliciously marbled white and seems hardier than the type.

4 in. pots.....	.60	5.00	40.00
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— Lexington form.

After many years of trial and observation this form can be pronounced as quite hardy as it withstands the severe weather of New England. It clings easily to almost any support and the rather small leaves make an attractive covering.

4 in. pots.....	.75	6.00	50.00
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		Each	Per 10	Per 100
HIBISCUS syriacus.	10'-12'			Rose of Sharon
Has a characteristic upright habit useful in formal work. Plant in spring as it grows until late autumn. Flowers August.				
Ardens, Purple				Peoniflorus, Pink
Rubens, Red				W. R. Smith, White, single
3	to 4 ft.	.50	4.00	
4	to 5 ft.	.60	5.00	

HYDRANGEA**arborescens grandiflora. 4'-5'** **Snow Hill Hydrangea**

The rather straggling habit is more than offset in July and August by the fine display of white flowers borne in large bunches. Prune severely for best results. Useful in shade.

1½	to 2 ft.	.30	2.50	20.00
2	to 3 ft.	.40	3.00	25.00

paniculata grandiflora. 8'-10' **Peegee**

Almost everyone knows the great heads of white flowers that gradually turn pink when cut and dried for decoration.

2	to 3 ft.	.50	4.00	30.00
3	to 4 ft.	.60	5.00	

petiolaris. Vine, 35'-40' **Climbing Hydrangea**

Until it takes on some age the sterling character of this little known climbing shrub is not appreciated. The large round leaves shingle the wall forming a perfect background for the flat topped bunches of fragrant white flowers in early summer. The old stems have brown bark. Prefers north wall.

5 yr. B. & B.	1.75	15.00		
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quercifolia. 3'-4' **Oak Leaf Hydrangea**

Glorious in its autumn dress when the large oak-like leaves assume brilliant colors. The white flowers gradually turn purplish when old: worthwhile shrub, semi-shade or woods margin.

1	to 1½ ft.	.50	4.00	30.00
1½	to 2 ft.	.60	5.00	40.00
2	to 2½ ft.	.75	6.50	55.00

HYPERICUM aureum. 3'-4' **Golden St. Johnswort**

Most welcome in July and August when the brilliant yellow flowers are at their best. Even in a dry rocky place will maintain its neat cheerful habit and covering of blue green foliage.

2	to 3 ft.	.50	4.00	30.00
3	to 4 ft.	.60	5.00	40.00

moserianum. 12"-15" **Goldflower**

HALF EVERGREEN. Many reddish arching stems arise from the ground, each well laden in midsummer with lovely golden yellow flowers with a soft brush-like centre. Will well repay a little shelter. Very useful in herbaceous border.

2 year	.40	3.00	25.00	
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patulum Forresti. 12"-18" **Forrest Goldflower**

Even larger flowers, two inches across, terminate the wiry stems, and the clean smooth leaves are larger too. The glorious golden flowers continue open from June to September.

2 year	.40	3.00	25.00	
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ILEX crenata. 12'-15' **Japanese Holly**

EVERGREEN. Has thick dark lustrous green leaves of variable size never larger than a privet, really quite unlike a holly. Forms a fine large bush for permanent planting and does not object to some shade. Black berries not noticeable.

1½	to 2 ft.	B. & B.	2.75	22.50	200.00
2	to 3 ft.	B. & B.	4.00	35.00	300.00
3	to 4 ft.	B. & B.	5.25	45.00	

ILEX

Each Per 10 Per 100

crenata bullata. 3'-4'**Boxleaf Japan Holly**

EVERGREEN. Think of this as a dwarf boxwood which it resembles both in habit and foliage. Any plant lover cannot help but enthuse over an old specimen broader than high well clothed in roundish convex leaves that withstand the hardest winters. Eventually this will be the recognized substitute for dwarf boxwood edging in cold climates.

250.00 thousand

4 to 6 in.....	.50	4.00	30.00
6 to 9 in., B. & B.....	.75	6.50	50.00
9 to 12 in., B. & B.....	1.00	8.50	65.00

— microphylla. 8'-10'**Littleleaf Japanese Holly**

EVERGREEN. Even the smallest plant shows inherent character and sturdiness. Being more hardy than the type this form is recommended for general use, particularly as the twiggy branches make an ideal hedge or handsome specimen.

1½ to 2 ft.	B. & B.....	2.75	22.50	200.00
2 to 2½ ft.	B. & B.....	4.00	35.00	300.00
2½ to 3 ft.	B. & B.....	5.25	45.00	400.00
3 to 4 ft.	B. & B.....	6.75	60.00	525.00
4 to 5 ft.	B. & B.....	9.00		

glabra. 4'-6'**Inkberry**

EVERGREEN. Rather loose but well clothed with deep green leaves that turn to a peculiar metallic deep purple color in winter. Most effective in masses when the glittering black berries are more evident. Succeeds in shade or sun.

12 to 15 in.	B. & B.....	1.50	12.50	90.00
15 to 18 in.	B. & B.....	2.00	15.00	125.00
1½ to 2 ft.	B. & B.....	2.25	20.00	175.00
2 to 2½ ft.	B. & B.....	3.00	27.50	

opaca. 30'-40'**American Holly**

EVERGREEN. Christmas is immediately suggested by the familiar typical holly leaves and red berries. Be sure to get both male and female trees if berries are wanted, and transplant in spring. Young plants seem to prefer light shade but later a moist but well-drained sunny spot will produce a more compact specimen, especially if properly pruned.

1½ to 2 ft.	B. & B.....	2.00	15.00	125.00
2 to 3 ft.	B. & B.....	3.00	27.50	225.00
3 to 4 ft.	B. & B.....	4.50	42.50	375.00
4 to 5 ft.	B. & B.....	6.50	60.00	
5 to 6 ft.	B. & B.....	9.00		

verticillata. 8'-10'**Common Winterberry**

One of the few native shrubs that carries its bright red fruits practically throughout winter. While generally found in swampy ground it seems perfectly happy when high and dry. Plant in groups to insure a crop of berries. It's a holly!

1½ to 2 ft.....	.50	4.00	30.00
2 to 3 ft.....	.60	5.00	40.00
3 to 4 ft.....	.75	6.00	50.00
4 to 5 ft.....	1.00	9.00	75.00

INDIGOFERA amblyantha. 5'-6'**Pink Indigo**

Beginning in July clusters of pink pea-blossoms bejewel the arching branches until October. Airy bright green foliage creates a soft effect often lacking in small border planting.

1½ to 2 ft.....	.60	5.00	45.00
2 to 3 ft.....	.75	6.50	
3 to 4 ft.....	.90		

INDIGOFERA

Each Per 10 Per 100

gerardiana. 3'-4'**Himalayan Indigo**

Rosy purple flowers and a compact much branching habit are main differences of this form. Will become almost herbaceous in cold exposures but improves every year.

2 year 1½ to 2 ft..... .75 6.50

kirilowi. 3'-4'**Kirilow Indigo**

Very small rose colored flowers in dense bunches brighten up the compact bush in July. Withstands drought and heat.

2 year 2 to 2½ ft..... .75 6.50

potanini. 5'-6**Potanin Indigo**

More upright and compact than the former with slightly larger pale pink flowers. An occasional freeze back helps.

1½ to 2 ft..... .60 5.00

2 to 3 ft..... .75 6.50

JASMINUM nudiflorum. 4'-5'**Winter Jasmine**

Most effective when the long slender viney branches are trained on a sunny wall to display the bright starry yellow bells in April and sometimes during a warm February. As a shrub the branches will root as they spread, into a mass.

2 yr..... .50 4.00 30.00

JUNIPERUS. ALL EVERGREEN.**Junipers and Cedars****chinensis. 18'-20'****Chinese Juniper**

A formal narrow cone of gray-green foliage assuming more character with age. Reliable and useful even in cold climate.

2 to 2½ ft. B. & B..... 2.00 17.50 125.00

2½ to 3 ft. B. & B..... 2.50 22.50 175.00

3 to 4 ft. B. & B..... 3.25 27.50 225.00

4 to 5 ft. B. & B..... 4.50 40.00 350.00

5 to 6 ft. B. & B..... 5.50 50.00 450.00

6 to 8 ft. B. & B..... 7.50 65.00

— albo variegata. 8'-10'**White Leaf Chinese Juniper**

Creamy white branchlets are interspersed throughout the bush. Other foliage is blue-gray. Forms stocky pyramid.

1½ to 2 ft. B. & B..... 1.50 12.50 100.00

2 to 2½ ft. B. & B..... 2.00 17.50 125.00

2½ to 3 ft. B. & B..... 2.50 22.50 175.00

3 to 4 ft. B. & B..... 3.25 27.50 225.00

4 to 5 ft. B. & B..... 4.50 40.00 350.00

5 to 6 ft. B. & B..... 5.50 50.00

6 to 7 ft. B. & B..... 7.50

— columnaris. 20'-25'**Column Chinese Juniper**

Rapidly grows into a slender shaft of gray-green. Splendid "accent" plant. An annual trimming keeps column compact.

2 to 2½ ft. B. & B..... 2.00 17.50 125.00

2½ to 3 ft. B. & B..... 2.50 22.50 175.00

3 to 4 ft. B. & B..... 3.25 27.50 225.00

4 to 5 ft. B. & B..... 4.50 40.00 350.00

5 to 6 ft. B. & B..... 5.50 50.00 450.00

6 to 8 ft. B. & B..... 7.00 65.00 600.00

8 to 10 ft. B. & B..... 11.00 100.00 900.00

— — viridis. 20'-25'**Green Column Juniper**

This green form is more pyramidal and grows more slowly.

2 to 2½ ft. B. & B..... 2.00 17.50 125.00

2½ to 3 ft. B. & B..... 2.50 22.50

3 to 4 ft. B. & B..... 3.25 27.50

4 to 5 ft. B. & B..... 4.50 40.00

5 to 6 ft. B. & B..... 5.50 50.00

6 to 8 ft. B. & B..... 7.50 65.00

8 to 10 ft. B. & B..... 12.00 110.00

JUNIPERUS. ALL EVERGREEN. Each Per 10 Per 100
chinensis fortunei. 12'-15' *Fortune Juniper*

Quite distinct with its informal broadly pyramidal outline, and gray-green foliage this is most useful in mixed planting.

1½ to 2 ft.	B. & B.....	1.50	12.50	100.00
2 to 2½ ft.	B. & B.....	2.00	17.50	125.00
2½ to 3 ft.	B. & B.....	2.50	22.50	175.00
3 to 4 ft.	B. & B.....	3.25	27.50	225.00
4 to 5 ft.	B. & B.....	4.50	40.00	
5 to 6 ft.	B. & B.....	6.00		

— **japonica. 4'-5'** *Japanese Juniper*

Being extremely hardy this low spreading bush retains its handsome rich green coloring throughout the coldest winter.

Grows slowly and looks at home in a large rock garden.

15 to 18 in.	B. & B.....	1.50	12.50	100.00
1½ to 2 ft.	B. & B.....	2.00	15.00	125.00
2 to 2½ ft.	B. & B.....	2.75	22.50	200.00
2½ to 3 ft.	B. & B.....	3.50	30.00	
3 to 3½ ft.	B. & B.....	4.50	40.00	

— — **globes** Formal compact spheres. *Trimmed Globes*

15 to 18 in.	B. & B.....	2.00	15.00	125.00
1½ to 2 ft.	B. & B.....	3.00	27.50	225.00

— — **aurea. 3'-4'** *Golden Japan Juniper*

Very bright yellow scaly leaves cover this little, slow grower.

12 to 15 in.	B. & B.....	2.00	15.00	
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— — **aureo variegata. 4'-5'** *Variegated Japan Juniper*

An odd form intermediate, both in color and growth, between the green type and golden variety.

12 to 15 in.	B. & B.....	1.50	12.50	
15 to 18 in.	B. & B.....	2.00	15.00	
1½ to 2 ft.	B. & B.....	2.75	22.50	
2 to 2½ ft.	B. & B.....	3.00	27.50	
2½ to 3 ft.	B. & B.....	4.50	40.00	

— **neaboriensis. 8'-10'** *Conical Chinese Juniper*

Possibly the most formal cone-shaped Juniper we have. Although never trimmed the neat tight pyramid always looks as though just "groomed." A perfect accent or tub plant.

2 to 2½ ft.	B. & B.....	2.00	17.50	125.00
2½ to 3 ft.	B. & B.....	2.50	22.50	175.00
3 to 4 ft.	B. & B.....	3.25	27.50	225.00
4 to 5 ft.	B. & B.....	4.50	40.00	350.00
5 to 6 ft.	B. & B.....	5.50	50.00	450.00
6 to 8 ft.	B. & B.....	7.50		

— **oblonga. 10'-12'** *Oblonga Juniper*

Known as "sylvestris" in the South this plant has a wide range for it is extremely hardy. From the broad round base a leader shoots up to form a feathery irregular pyramid. In winter the gray foliage is tinted with frosted purple-lavender.

2 to 2½ ft.	B. & B.....	2.00	17.50	125.00
2½ to 3 ft.	B. & B.....	2.50	22.50	175.00
3 to 4 ft.	B. & B.....	3.25	27.50	225.00
4 to 5 ft.	B. & B.....	4.50	40.00	350.00
5 to 6 ft.	B. & B.....	5.50	50.00	450.00
6 to 8 ft.	B. & B.....	7.50	65.00	600.00

JUNIPERUS. ALL EVERGREEN. Each Per 10 Per 100**chinensis pfitzeriana. 5'-6'****Pfitzer Juniper**

Naturally develops into a low spreading vase-shaped bush formed by handsome plum-like branches. Being resistant to cold, dust, smoke and drought it is widely used in city plantings, and deserves its popularity. Another indispensable.

12 to 15 in.	B. & B.....	1.00	7.50	50.00
15 to 18 in.	B. & B.....	1.25	9.00	75.00
1½ to 2 ft.	B. & B.....	1.50	12.50	100.00
2 to 2½ ft.	B. & B.....	2.00	15.00	125.00
2½ to 3 ft.	B. & B.....	2.75	22.50	200.00
3 to 3½ ft.	B. & B.....	4.00	35.00	300.00
3½ to 4 ft.	B. & B.....	5.50	50.00	450.00
4 to 4½ ft.	B. & B.....	7.50	67.50	600.00

— sargentii. 2'-2½'**Sargent Juniper**

Prostrate in habit, this hardy ground cover quickly forms a mat of bright grass-green foliage in a sunny spot. Very hardy.

12 to 15 in.	B. & B.....	1.50	12.50	100.00
15 to 18 in.	B. & B.....	1.75	15.00	125.00
1½ to 2 ft.	B. & B.....	2.25	20.00	150.00
2 to 2½ ft.	B. & B.....	3.00	27.50	225.00
2½ to 3 ft.	B. & B.....	4.50		

communis. 3'-4'**Common Juniper**

Most effective in "natural" plantings in combination with upright cedars, black-haws and bayberry or in large masses.

12 to 18 in.	B. & B.....	.75	6.00	50.00
1½ to 2 ft.	B. & B.....	1.25	10.00	75.00
2 to 2½ ft.	B. & B.....	1.50	12.50	100.00
2½ to 3 ft.	B. & B.....	2.25	20.00	150.00
3 to 3½ ft.	B. & B.....	2.75	22.50	200.00

— aurea. 2'-2½'**Golden Common Juniper**

Much lower habit this bright yellow form is often seen in "foundation" plantings where a transitional line is needed.

12 to 18 in.	B. & B.....	1.25	10.00	75.00
1½ to 2 ft.	B. & B.....	1.50	12.50	100.00
2 to 2½ ft.	B. & B.....	2.25	20.00	
2½ to 3 ft.	B. & B.....	2.75	22.50	

— depressa (canadensis). 3'-4'**Canada Juniper**

Rather a dusty green commonplace shrub: good for massing.

12 to 18 in.	B. & B.....	.75	6.00	50.00
1½ to 2 ft.	B. & B.....	1.25	10.00	75.00
2 to 2½ ft.	B. & B.....	1.50	12.50	100.00
2½ to 3 ft.	B. & B.....	2.25	20.00	150.00
3 to 3½ ft.	B. & B.....	2.75	22.50	200.00

— hibernica. 7'-8'**Irish Juniper**

Little spires of green that effectively "break up" an otherwise monotonous effect. An occasional piece in rocks is good.

1½ to 2 ft.	B. & B.....	1.25	10.00	
2 to 2½ ft.	B. & B.....	1.50	12.50	

— montana. 1½'**Mountain Juniper**

In its native rocky home the large perfectly flat carpets of cheerful green are strikingly effective. The prostrate branches just reach out horizontally about a foot off the ground and cover surprisingly large areas. This true variety is scarce.

12 to 18 in.	B. & B.....	1.25	10.00	75.00
1½ to 2 ft.	B. & B.....	2.00	15.00	
2 to 2½ ft.	B. & B.....	2.25	20.00	
2½ to 3 ft.	B. & B.....	3.00	25.00	

JUNIPERUS ALL EVERGREEN Each Per 10 Per 100

communis suecica nana. 3'-4' *Dwarf Swedish Juniper*

Compact dwarf column of light green. Good rock plant.

15 to 18 in.	B. & B.....	1.25	10.00	75.00
1½ to 2 ft.	B. & B.....	1.50	12.50	100.00
2 to 2½ ft.	B. & B.....	2.00	15.00	

conferta. 9"-12" *Shore Juniper*

For a Juniper has unusually large bloomy black berries and half inch spiny pointed leaves. Rather difficult to transplant but useful for seashore planting. Bright green in winter.

12 to 15 in.	B. & B.....	1.25	10.00	
15 to 18 in.	B. & B.....	1.75	15.00	

excelsa stricta. 5'-6' *Spiny Greek Juniper*

These blue-gray "blobs" are so often seen in window boxes formal gardens and mixed foundation plantings. Useful.

9 to 12 in.	B. & B.....	.85	6.50	50.00
12 to 15 in.	B. & B.....	1.00	7.50	65.00
15 to 18 in.	B. & B.....	1.50	12.50	85.00
1½ to 2 ft.	B. & B.....	1.75	15.00	100.00
2 to 2½ ft.	B. & B.....	2.25	20.00	135.00
2½ to 3 ft.	B. & B.....	3.00	25.00	200.00
3 to 4 ft.	B. & B.....	4.50	40.00	

horizontalis. 1'-2' *Creeping Savin*

Has long prostrate branches that crawl over and around stones to spread its green plumes. A sunny rocky slope with plenty of room is an ideal spot.

1 to 1½ ft.	B. & B.....	1.50	12.50	100.00
1½ to 2 ft.	B. & B.....	2.00	17.50	150.00
2 to 2½ ft.	B. & B.....	2.75	22.50	200.00
2½ to 3 ft.	B. & B.....	3.50	30.00	
3 to 3½ in.	B. & B.....	4.50	40.00	

— Bar Harbor. 6"-12" *Bar Harbor Juniper*

Of all ground Junipers we rate this first, it actually "hugs" the ground and makes a velvety mat of gray-green foliage which in winter changes to a most attractive metallic purple and lavender coloring. Made to order for the rock garden.

12 to 15 in.	B. & B.....	1.50	12.50	100.00
15 to 18 in.	B. & B.....	2.00	17.50	150.00
1½ to 2 ft.	B. & B.....	3.00	27.50	225.00

— douglasi. 1' *Waukegan Juniper*

Rather slow irregular growth, steely blue foliage turning purple in winter. Irregular trailing habit effective in rocks.

1 to 1½ ft.	B. & B.....	1.50	12.50	100.00
1½ to 2 ft.	B. & B.....	2.25	20.00	150.00
2 to 2½ ft.	B. & B.....	2.75	22.50	200.00
2½ to 3 ft.	B. & B.....	3.50	30.00	275.00
3 to 3½ ft.	B. & B.....	4.50	40.00	

— glauca. 1' *Blue Creeping Savin*

Quite an improvement upon the green type, both in neatness and coloring. In summer it is blue gray, purple in winter.

1 to 1½ ft.	B. & B.....	1.50	12.50	100.00
1½ to 2 ft.	B. & B.....	2.25	20.00	150.00
2 to 2½ ft.	B. & B.....	2.75	22.50	200.00
2½ to 3 ft.	B. & B.....	3.50	30.00	275.00
3 to 3½ ft.	B. & B.....	4.50	40.00	350.00
3½ to 4 ft.	B. & B.....	5.50		

JUNIPERUS ALL EVERGREEN Each Per 10 Per 100

horizontalis plumosa. 1'-2' *Plumed Spreading Juniper*

Even a single plant will make a neat low dense mat of soft silver-green which gradually takes on a rich deep lavender purple color with colder weather. Truly a handsome thing.

12 to 15 in.	B. & B.....	1.00	9.00	75.00
15 to 18 in.	B. & B.....	1.50	12.50	90.00
1½ to 2 ft.	B. & B.....	2.00	15.00	125.00
2 to 2½ ft.	B. & B.....	2.75	22.50	200.00
2½ to 3 ft.	B. & B.....	3.50	30.00	275.00
3 to 3½ ft.	B. & B.....	4.50	40.00	350.00
3½ to 4 ft.	B. & B.....	6.50	60.00	

hudsonica. 1'-2' *Hudson Juniper*

Generally similar to "plumosa" but not quite so well clothed.

1½ to 2 ft.	B. & B.....	2.00	15.00	125.00
2 to 2½ ft.	B. & B.....	2.25	20.00	150.00
2½ to 3 ft.	B. & B.....	3.00	22.50	200.00
3 to 3½ ft.	B. & B.....	4.50	40.00	350.00
3½ to 4 ft.	B. & B.....	6.00		

sabina. 5'-6' *Savin*

A vase shape bush of dark green, dependable in exposures.

12 to 15 in.	B. & B.....	1.00	7.50	60.00
15 to 18 in.	B. & B.....	1.50	12.50	90.00
1½ to 2 ft.	B. & B.....	2.00	15.00	125.00
2 to 2½ ft.	B. & B.....	2.25	20.00	

— tamariscifolia. 1'-2' *Tamarix Juniper*

Another spreading type useful for ground cover in open spots.

The gray-green foliage and short branchlets create a pleasing soft feathery texture. The peculiar flat effect is interesting.

12 to 15 in.	B. & B.....	1.50	12.50	100.00
15 to 18 in.	B. & B.....	2.00	15.00	125.00
1½ to 2 ft.	B. & B.....	2.25	20.00	150.00
2 to 2½ ft.	B. & B.....	3.00	27.50	225.00
2½ to 3 ft.	B. & B.....	3.50	30.00	275.00
3 to 3½ ft.	B. & B.....	4.50	40.00	350.00

squamata. 1'-2' *Scaly Leaf Juniper*

Stays "good" indefinitely and is one of the finest winter evergreens. All the creeping branches are well clothed with scaly gray-green foliage equally resistant to heat or cold.

12 to 15 in.	B. & B.....	2.00	15.00	125.00
15 to 18 in.	B. & B.....	2.75	22.50	200.00
1½ to 2 ft.	B. & B.....	3.50	30.00	275.00
2 to 2½ ft.	B. & B.....	4.50	40.00	350.00
2½ to 3 ft.	B. & B.....	5.50	50.00	

— meyeri. 6'-8' *Meyer Juniper*

Stiff branches and large "leaves" tend to create a coarse rugged texture quite unlike any other plant. Altho bushy it has an interesting outline and the silvery blue summer dress becomes tinged with a lavender sheen as winter approaches.

9 to 12 in.	B. & B.....	1.00	7.50	50.00
12 to 15 in.	B. & B.....	1.25	10.00	75.00
15 to 18 in.	B. & B.....	1.75	12.50	100.00
1½ to 2 ft.,	B. & B.....	2.25	20.00	150.00
2 to 2½ ft.	B. & B.....	3.50	30.00	275.00

— variegata. 1'-2' *Variegated Scaly Juniper*

But for the occasional sprays of creamy white, this variety is similar to the green type, remaining just as good in winter.

12 to 15 in.	B. & B.....	2.00	15.00	125.00
15 to 18 in.	B. & B.....	2.75	22.50	200.00
1½ to 2 ft.	B. & B.....	3.50	30.00	275.00
2 to 2½ ft.	B. & B.....	4.25	37.50	350.00
2½ to 3 ft.	B. & B.....	5.00	45.00	

JUNIPERUS ALL EVERGREEN. Each Per 10 Per 100**virginiana. 30'-50'****Redcedar**

Our well loved native Cedar which has given rise to all the following variations. An occasional trimming will improve it.

5	to	6	ft.	B. & B.....	6.00	52.50
6	to	8	ft.	B. & B.....	7.50	67.50
8	to	10	ft.	B. & B.....	9.00	

— albospica. 12'-15'**Variegated Redcedar**

Meaning that silvery white sprays are fairly evenly interspersed among the dark green foliage, a surprising effect.

4	to	5	ft.	B. & B.....	5.00	45.00
5	to	6	ft.	B. & B.....	6.50	60.00
6	to	8	ft.	B. & B.....	8.50	75.00
8	to	10	ft.	B. & B.....	10.00	

— burki. 12'-15'**Burk's Cedar**

Forms a well shaped dense column of silvery gray until frost, then becomes overlaid with a flush of purple. Handsome.

2½	to	3	ft.	B. & B.....	2.50	22.50	175.00
3	to	4	ft.	B. & B.....	3.25	27.50	225.00
4	to	5	ft.	B. & B.....	4.50	40.00	350.00
5	to	6	ft.	B. & B.....	5.50	50.00	450.00
6	to	8	ft.	B. & B.....	7.50	67.50	600.00

— cannarti. 20'-25'**Cannart Cedar**

Like a true aristocrat this handsome Cedar is unobtrusively dignified and dislikes any fussy trimming that would interfere with its natural character. Columnar in outline, the surface is broken by short lateral branches making black shadow spots on a very deep green mantle of foliage. In autumn when the crop of steely blue berries are in evidence, it is almost gay enough to be saved for Christmas decoration.

2	to	2½	ft.	B. & B.....	2.00	17.50	125.00
2½	to	3	ft.	B. & B.....	2.50	22.50	175.00
3	to	4	ft.	B. & B.....	3.25	27.50	225.00
4	to	5	ft.	B. & B.....	4.50	40.00	350.00
5	to	6	ft.	B. & B.....	5.50	50.00	450.00
6	to	8	ft.	B. & B.....	7.50		
8	to	10	ft.	B. & B.....	12.00		

— elegantissima. 15'-18'**Goldtip Redcedar**

Well named from the bright yellow branchlets, turning bronzy in winter, really a warm color that doesn't look "dead."

2½	to	3	ft.	B. & B.....	2.50	22.50	
3	to	4	ft.	B. & B.....	3.25	27.50	225.00
4	to	5	ft.	B. & B.....	4.50	40.00	
5	to	6	ft.	B. & B.....	5.50	50.00	
6	to	8	ft.	B. & B.....	7.50		

— glauca. 20'-25'**Silver Redcedar**

One might call this the blue counterpart of the Cannart Cedar. The whole irregular column is richly clad in a blue-gray mantle which among other evergreens gives a frosted effect.

1½	to	2	ft.	B. & B.....	1.75	12.50	100.00
2	to	2½	ft.	B. & B.....	2.00	17.50	125.00
2½	to	3	ft.	B. & B.....	2.50	22.50	175.00
3	to	4	ft.	B. & B.....	3.25	27.50	225.00
4	to	5	ft.	B. & B.....	4.50	40.00	350.00
5	to	6	ft.	B. & B.....	5.50	50.00	450.00
6	to	8	ft.	B. & B.....	7.50	67.50	
8	to	10	ft.	B. & B.....	12.00		

JUNIPERUS ALL EVERGREEN. Each Per 10 Per 100

virginiana globosa. 4'-5'

Globe Cedar

Needs no trimming to keep it dwarf and compact. Some interesting shapes are assumed, as the plants mature.

12 to 15 in.	B. & B.....	2.25	20.00	150.00
15 to 18 in.	B. & B.....	3.00	27.50	
1½ to 2 ft.	B. & B.....	4.00	35.00	
2 to 2½ ft.	B. & B.....	5.00		
2½ to 3 ft.	B. & B.....	6.00		
3 to 3½ ft.	B. & B.....	7.50		

— **keteleeri. 18'-20'**

Keteleer Cedar

Handsome dark green leaves set off large slaty blue berries which are unusually decorative in winter. Develops into a fairly thick column that is compact right to the broad base.

2 to 2½ ft.	B. & B.....	2.00	17.50	125.00
2½ to 3 ft.	B. & B.....	2.50	22.50	175.00
3 to 4 ft.	B. & B.....	3.25	27.50	225.00
4 to 5 ft.	B. & B.....	4.50	40.00	350.00
5 to 6 ft.	B. & B.....	5.50	50.00	450.00
6 to 8 ft.	B. & B.....	7.50	67.50	600.00

— **schotti. 20'-25'**

Schott Redcedar

More formal and lighter green compact than Cannart's Cedar and with occasional trimming makes a handsome column.

3 to 4 ft.	B. & B.....	3.25	27.50	225.00
4 to 5 ft.	B. & B.....	4.50	40.00	350.00
5 to 6 ft.	B. & B.....	5.50	50.00	450.00
6 to 8 ft.	B. & B.....	7.50	67.50	600.00
8 to 10 ft.	B. & B.....	12.00		

— **smithi. 6'-8'**

Smith's Juniper

Is quite unusual in habit and color; really an open but well furnished bush richly clad in a mantle of light grass-green foliage that remains fresh and bright throughout the winter.

2 to 2½ ft.	B. & B.....	2.25	20.00	
2½ to 3 ft.	B. & B.....	2.75	22.50	175.00
3 to 4 ft.	B. & B.....	3.25	27.50	225.00
4 to 5 ft.	B. & B.....	4.50	40.00	350.00

KALMIA latifolia. 6'-8'

Mountain Laurel

EVERGREEN. Doubtless the most valuable and beautiful of our broadleaf evergreens. In July nothing can approach the glorious effect created by a mass of laurel with its great wealth of pink flowers. Even in zero weather the clean foliage retains its vigor and deep green color. While most adaptable to sun or shade the ideal location is slight shade.

12 to 15 in.	B. & B.....	1.25	10.00	85.00
15 to 18 in.	B. & B.....	1.50	13.50	120.00
1½ to 2 ft.	B. & B.....	2.00	15.00	135.00
2 to 2½ ft.	B. & B.....	2.75	22.50	200.00
2½ to 3 ft.	B. & B.....	4.00	35.00	300.00
3 to 4 ft.	B. & B.....	5.50	50.00	450.00

KERRIA japonica fl. pl. 4'-5' Double Kerria or Globeflower

Green stems and rich golden flowers that in May resemble "button" chrysanthemums combine to make this a most popular "old fashioned" useful shrub. Nice for winter color.

2 to 3 ft.....	.75	6.00	50.00
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KOELREUTERIA paniculata. 25'-30'

Varnish Tree

Most conspicuous when the large loose bunches of bright yellow flowers crown the trees in July. The compound foliage is pleasing and for dry city conditions is excellent.

3 to 4 ft.....	1.00	9.00	75.00
4 to 5 ft.....	1.50	12.50	100.00
5 to 6 ft.....	2.25	20.00	150.00
6 to 8 ft.....	3.00	27.50	

Each Per 10 Per 100

KOLKWITZIA amabilis. 5'-6'**Beauty Bush**

During late spring the common name is well deserved for the graceful slender branches are transformed to ropes of gay little pink bells. Improves with age, so don't expect many flowers on young shrubs. These are all well branched.

1	to	1½ ft.	.....	.30	2.50	20.00
1½	to	2	ft.	.....	.40	3.00
2	to	3	ft.	.....	.50	4.00

LABURNUM vulgare. 20'-25'**Golden Chain**

Golden yellow flowers hang from the green branches resembling a yellow wisteria. Plant in a favored sheltered spot.

2	to	3	ft.	.....	.90	7.50
3	to	4	ft.	.....	1.10	9.00
4	to	5	ft.	.....	1.35	12.00
5	to	6	ft.	.....	2.25	15.00

LARIX europaea. 50'-60'**European Larch**

With its fresh yellow-green needles this tree is traditionally spring like; in fall the soft textured pyramid turns to gold.

3	to	4	ft.	B. & B.	1.50	13.50
4	to	5	ft.	B. & B.	2.00	15.00
5	to	6	ft.	B. & B.	2.75	22.50
6	to	8	ft.	B. & B.	4.00	35.00

leptolepis. 50'-60'**Japanese Larch**

Grows more rapidly, otherwise quite similar to the European.

5	to	6	ft.	B. & B.	2.75	22.50
6	to	8	ft.	B. & B.	4.00	35.00
8	to	10	ft.	B. & B.	5.00	45.00

LAUROCERASUS schipkaensis. 4'-6'**Cherry Laurel**

EVERGREEN. But rarely seen this handsome shrub should prove most useful for bold effects with its five inch lustrous green leaves. Best where morning sun does not strike.

12	to	15	in.	B. & B.	1.50	12.50
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LEIOPHYLLUM buxifolium. 1'-2'**Box Sand Myrtle**

EVERGREEN. Particularly attractive and cheerful in June when small pinkish flowers bejewel the branches. Although naturally irregular the cultivated specimens are generally well shaped little cushions with small boxwood-like leaves.

9	to	12	in.	B. & B.	2.00	15.00
12	to	15	in.	B. & B.	2.25	20.00
15	to	18	in.	B. & B.	3.00	27.50

LESPEDEZA formosa. 6'-7'**Purple Bush Clover**

Reddish purple flowers just hide the clover-like leaves in July and August. Although the slender arching branches may freeze back, it quickly makes a handsome graceful shrub.

2	to	3	ft.	.....	.40	3.00
3	to	4	ft.	.....	.50	4.00
4	to	5	ft.	.....	.60	5.00

LEUCOTHOE catesbaei. 3'-4'**Drooping Leucothoe**

EVERGREEN. What a glorious welcome sight the rich purple foliage makes in winter, and even in summer the thick shiny green five inch leaves, so regularly arranged on the arching branches are striking. Then in May, graceful sprays of fragrant white flowers hang from the branches, giving the effect of a flowering fern. Handsome as Christmas decorations. Useful for shady ground cover work. Moist acid soil is ideal. Truly needed in "natural" work.

1	to	1½ ft.	B. & B.	1.00	8.50	75.00
1½	to	2	ft.	B. & B.	1.50	13.50
2	to	2½ ft.	B. & B.	2.25	20.00	150.00

	Each	Per 10	Per 100
LIGUSTRUM ibota. 8'-9' <i>Ibota Privet</i>			
<i>HALF EVERGREEN.</i> Has spreading arching branches clothed with clean foliage which remains good until mid-winter. The bunches of shiny black berries are decorative.			
3 to 4 ft.....	.40	3.00	25.00
— regelianum. 4'-6' <i>True Spreading Regal Privet</i>			
<i>HALF EVERGREEN.</i> Either as a hedge plant or for the shrubbery border this is a good subject with low branches.			
1½ to 2 ft.....	.30	2.50	20.00
2 to 2½ ft.....	.40	3.00	25.00
ovalifolium. 10'-15' <i>California Privet</i>			
<i>HALF EVERGREEN.</i> In addition to being "the hedge plant supreme" this shrub is splendid for mass planting.			
	Per 10	Per 100	Per 1000
1½ to 2 ft.....	1.50	6.00	50.00
2 to 3 ft.....	2.00	9.00	60.00
3 to 4 ft.....	2.50	12.00	90.00
	Each	Per 10	Per 100
LIQUIDAMBAR styraciflua. 100' <i>Sweet Gum</i>			
The swampy places where this pyramidal tree grows are transformed into beauty spots in early autumn by the blazing scarlet coloring of the star shaped leaves. Even when the corky barked branches are bare they are very interesting.			
4 to 6 ft.....	2.00	17.50	150.00
6 to 8 ft.....	3.00	27.50	225.00
8 to 10 ft.....	4.00	35.00	300.00
10 to 12 ft.....	5.00	45.00	
LIRIODENDRON tulipifera. 150' <i>Tulip Tree</i>			
Greenish yellow tulip-like flowers top the branchlets in June, and the unique "cut-off" shape of the leaves is remarkable. Makes a magnificent tree with clean straight 100 foot trunk.			
6 to 8 ft.....	1.50	13.50	120.00
8 to 10 ft., 1¼ to 1½ in.....	2.25	20.00	150.00
10 to 12 ft., 1½ to 2 in.....	3.00	27.50	225.00
12 to 14 ft., 2 to 2½ in.....	4.00	35.00	
LITHOSPERMUM prostratum, Heavenly Blue. 4-6" <i>Gromwell</i>			
<i>EVERGREEN.</i> Wiry tortuous trailing stems slowly form irregular mats of deep green in which are studded the bluest of blue flowers from May to August. Acid soil, half shade.			
3 in. pots.....	.75	6.00	50.00
LONICERA fragrantissima. 6'-8' <i>Winter Honeysuckle</i>			
<i>HALF EVERGREEN.</i> So called because of persistent foliage and the early appearance of the deliciously fragrant flowers on bare branches in March. Red berries in summer.			
2 to 3 ft.....	.50	4.50	
heckrotti. Vine, 15'-20' <i>Everblooming Honeysuckle</i>			
A twining vine-like shrub which in July until September is bedecked with attractive tubular flowers of purplish-rose outside and old gold within. Floriferous, handsome and hardy.			
2 yr.....	.50	4.00	30.00
henryi. 15'-20' <i>Henry Honeysuckle</i>			
<i>HALF EVERGREEN.</i> Has narrow two inch rich green leaves, reddish flowers and black fruits. Attractive neat vine.			
2 yr.....	.50	4.00	30.00

LONICERA

Each Per 10 Per 100

japonica halliana. Vine, 20'-25' *Hall's Japan Honeysuckle*

HALF EVERGREEN. Wherever planted this old favorite takes possession with its tropical luxuriant growth, whether as ground cover, trellis vine or bank planting, but the sweetly fragrant handsome creamy flowers are best on a support.

2 yr.....	.30	2.50	20.00
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3 yr.....	.40	3.00	25.00
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korolkowi floribunda. 8'-10' *Broad Blueleaf Honeysuckle*

Forms a large intricately branched mound of blue-gray foliage bespangled in early summer with cheery pink bells which give place to an abundance of glittering red berries.

1½ to 2 ft.....	.50	4.00	30.00
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maacki podocarpa. 10'-12'*Late Honeysuckle*

Rather straggling, but a vigorous habit. Brilliant red fruits.

2 to 3 ft.....	.50	4.00	30.00
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3 to 4 ft.....	.60	5.00	40.00
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minutiflora. 8'-10'*Bunchberry Honeysuckle*

When in full fruit the orange berries transform this into a lovely shrub. Unfortunately little known. One of the best.

2 to 3 ft.....	.40	3.00	25.00
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3 to 4 ft.....	.50	4.00	30.00
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4 to 5 ft.....	.60	5.00	40.00
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morrowi. 7'-8'*Morrow Honeysuckle*

Distinct useful shrub of wide spreading habit handsome in June when the creamy flowers expand, and again when the bright red berries ripen. Clean gray-green foliage, vigorous.

1½ to 2 ft.....	.30	2.50	20.00
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2 to 3 ft.....	.40	3.00	25.00
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3 to 4 ft.....	.50	4.00	30.00
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4 to 5 ft.....	.60	5.00	
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periclymenum belgica. Vine, 15'-20'*Dutch Woodbine*

Good healthy looking glossy foliage clothes the long vines, making excellent foil for the fragrant cream-purple flowers.

2 yr.....	.50	4.00	30.00
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syringantha wolffi. 4'-5'*Wolf Honeysuckle*

Short twiggy branches, some prostrate, are densely covered with small dusty green leaves, brightened up by fragrant rosy-lilac flowers and then by red fruits. Handsome shrub.

1½ to 2 ft.....	.60	5.50	50.00
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2 to 3 ft.....	.75	6.00	
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tatarica. 8'-10'*Tatarian Honeysuckle*

Most adaptable old favorite. The best form has pink flowers in early June followed by a generous crop of scarlet fruits.

3 to 4 ft.....	.50	4.00	30.00
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thibetica. 3'-4'*Tibetan Honeysuckle*

For dry rocky slopes this is not only a useful but a handsome shrub; pale purple flowers are followed by red berries.

1 to 1½ ft.....	.50	4.50	
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1½ to 2 ft.....	.65	5.50	
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trichosantha. 4'-5'*Slender Honeysuckle*

Slender spreading branches are studded with small yellowish flowers in June and later with bright red berries.

2 to 3 ft.....	.60	5.00	
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3 to 4 ft.....	.75	6.00	
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Each Per 10 Per 100

MAGNOLIA acuminata cordata. 15'-20' Yellow Cucumber Tree

The only yellow flowering Magnolia; also distinct by reason of its heart shaped leaves. Thrives best in a protected spot.

3 in. pots.....	2.00	15.00	125.00
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conspicua. 30'-35'**Yulan Magnolia**

Has a certain dignified beauty that marks the tree as an aristocrat. Sweetly scented six inch white flowers are proudly held up by bare branches in April. Good summer foliage.

3 in. pots.....	1.50	12.50	100.00
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1½ to 2 ft.	B. & B.....	3.50	30.00
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2 to 3 ft.	B. & B.....	4.50	40.00
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3 to 4 ft.	B. & B.....	6.50	60.00
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glauca. 15'-20'**Sweet Bay**

HALF EVERGREEN. Altho rather sparingly produced during May and June, the creamy white three inch flowers are so fragrant as to permeate the air for a good distance around with a delicious gardenia-like scent. Naturally rather loose the shrub can be improved by judicious pruning while young. Handsome lustrous leaves, mealy white underneath and red seed pods add to its interest. Best in moist places.

1½ to 2 ft.	B. & B.....	1.50	12.50	100.00
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2 to 3 ft.	B. & B.....	2.00	17.50	135.00
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3 to 4 ft.	B. & B.....	2.75	22.50	200.00
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4 to 5 ft.	B. & B.....	4.50	40.00
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5 to 6 ft.	B. & B.....	6.50	60.00
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kobus. 30'-35'**Kobus Magnolia**

The hardy form we have "borealis" is a symmetrical fast growing tree that must acquire age before blooming freely but the semi-double starry white flowers are indeed beautiful.

1½ to 2 ft.	B. & B.....	1.50	12.50	100.00
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2 to 3 ft.	B. & B.....	2.00	17.50	135.00
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3 to 4 ft.	B. & B.....	2.75	22.50	200.00
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4 to 5 ft.	B. & B.....	4.00	35.00	300.00
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5 to 6 ft.	B. & B.....	7.50
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liliflora nigra. 15'-18'**Purple Lily Magnolia**

Darkest of all is this rapid growing shrub with its long brownish purple flowers continually opening until late spring. The shiny leaves are distinct and even small plants bloom freely.

1½ to 2 ft.	B. & B.....	1.50	12.50	100.00
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2 to 3 ft.	B. & B.....	2.00	17.50	135.00
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3 to 4 ft.	B. & B.....	2.75	22.50	200.00
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4 to 5 ft.	B. & B.....	4.25	37.50
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5 to 6 ft.	B. & B.....	7.00	65.00
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6 to 8 ft.	B. & B.....	10.00	90.00
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parviflora. 10'-12'**Oyama Magnolia**

What a pity this charming shrub is not widely used. The lovely white cup shape flowers have a rosette of deep crimson stamens in the centre and their delicious fragrance is noticeable all summer as the occasional blooms expand. Give plenty of room for its spreading development, in a favored spot.

2 to 3 ft.	B. & B.....	4.00	35.00	300.00
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3 to 4 ft.	B. & B.....	6.00	55.00	450.00
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4 to 5 ft.	B. & B.....	8.50	75.00	675.00
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5 to 6 ft.	B. & B.....	13.50	120.00
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MAGNOLIA

Each Per 10 Per 100

soulangeana. 18'-20'**Saucer Magnolia**

Here is the spectacular member of the glorious family. Every branch plays its part in effectively covering the whole shrub with great purplish pink cups in early spring. In small plants the white innerside of the flowers give a bicolor effect. When trained in one stem as a tree the large bold foliage is effective.

1½ to 2	ft.	B. & B.....	1.50	12.50	100.00
2 to 3	ft.	B. & B.....	2.00	17.50	135.00
3 to 4	ft.	B. & B.....	2.75	22.50	200.00
4 to 5	ft.	B. & B.....	4.25	37.50	325.00
5 to 6	ft.	B. & B.....	7.00	60.00	525.00
6 to 8	ft.	B. & B.....	10.00	90.00	750.00
8 to 10	ft.	B. & B.....	15.00	135.00	

— alexandrina. 18'-20'**Alexander Magnolia**

Quite similar in general appearance to the Saucer Magnolia but the flowers appear a little earlier and are of a rosy color.

1½ to 2	ft.	B. & B.....	2.75	22.50	200.00
2 to 3	ft.	B. & B.....	4.00	35.00	300.00
3 to 4	ft.	B. & B.....	6.00	52.50	450.00
4 to 5	ft.	B. & B.....	10.00		

— lennei. 15'-18'**Lenne Magnolia**

A handsome fellow satisfied with fewer flowers, but each one a perfect rosy-purple pear shaped cup, firmly held erect, the broad thick petals are surprisingly white on the inside and flowering late are rarely damaged by frost. Even the big leathery leaves alone make this a worth while specimen.

3 in. pots.....			1.50	12.50	100.00
1½ to 2	ft.	B. & B.....	2.75	22.50	200.00
2 to 3	ft.	B. & B.....	4.00	35.00	300.00
3 to 4	ft.	B. & B.....	6.00	52.50	450.00
4 to 5	ft.	B. & B.....	7.50	67.50	600.00
5 to 6	ft.	B. & B.....	12.00	110.00	
6 to 8	ft.	B. & B.....	15.00		

— norbertiana. 15'-18'**Norbert Magnolia**

Differs from the Mother plant in having slightly smaller upright flowers thus giving a more formal "staccato" effect.

1½ to 2	ft.	B. & B.....	2.75	22.50	200.00
2 to 3	ft.	B. & B.....	4.00	35.00	300.00
3 to 4	ft.	B. & B.....	6.00	52.50	450.00
4 to 5	ft.	B. & B.....	7.50	67.50	600.00

speciosa alba. 12'-15'

Except for a purple stained stripe on the outside the numerous flowers are white. Grows vigorously and forms a neat bush.

1½ to 2	ft.	B. & B.....	2.75	22.50	200.00
2 to 3	ft.	B. & B.....	4.00	35.00	
3 to 4	ft.	B. & B.....	6.00	52.50	

stellata. 10'-12'**Star Magnolia**

Appropriately named for dazzling white semi-double flowers which on bare twiggy branches herald the parade of its larger brothers. Occasionally a flush of tender pink will emphasize the purity of the narrow wavy petals. Delightfully fragrant.

15 to 18	in.	B. & B.....	2.00	15.00	135.00
1½ to 2	ft.	B. & B.....	2.25	20.00	150.00
2 to 2½	ft.	B. & B.....	3.00	27.50	225.00
2½ to 3	ft.	B. & B.....	4.50	42.50	375.00
3 to 4	ft.	B. & B.....	7.50	67.50	600.00
4 to 5	ft.	B. & B.....	12.00		

MAGNOLIA

Each Per 10 Per 100

tripetala. 30'-40'**Umbrella Magnolia**

Big in every way, leaves two feet long, white flowers ten inches across and a clean trunk. Tropical looking but hardy.

3	to	4	ft.....	1.25	10.00	75.00
4	to	6	ft.....	1.50	13.50	120.00
6	to	8	ft.....	2.25	20.00	150.00

MAHONIA aquifolium. 3'-4'**Oregon Holly Grape**

EVERGREEN. Thin wavy holly-like leaves vary in color from deep green to rich purple-red, especially noteworthy in winter. When happily placed not too exposed, will perfect pretty yellow flowers followed by little grape-like bunches of black fruits. A rather loose, many stemmed bush for half shade.

12	to	15	in.	B. & B.....	.85	7.50
15	to	18	in.	B. & B.....	1.00	9.00
1½	to	2	ft.	B. & B.....	1.50	12.50
2	to	2½	ft.	B. & B.....	2.00	17.50
2½	to	3	ft.	B. & B.....	2.75	22.50
3	ft.			B. & B.....	4.00	

MALUS arnoldiana. 12'-15'**Arnold Crab**

Enthusiasm is difficult to restrain when crabapples are in bloom. The dainty pastel shading of the airy flowers, the brilliant coloring of the fruits, the intricate branching habits, all serve to set them apart as worthy of a place in almost every planting. Arnold's Crab has semi-double flowers deep pink in bud expanding to almost white. The waxy yellow little apples are most decorative before they are relished by birds.

2	to	3	ft.....	.75	6.00	50.00
3	to	4	ft.....	1.00	7.50	60.00
4	to	5	ft.....	1.25	10.00	75.00
5	to	6	ft.....	1.50	12.50	100.00
6	to	8	ft.....	2.00		

atrosanguinea. 12'-15'**Carminc Crab**

Dark pink shading to deep purplish crimson flowers just envelop the whole structure of branches in May. Shapely tree.

2	to	3	ft.....	.75	6.00	50.00
3	to	4	ft.....	1.00	7.50	60.00
4	to	5	ft.....	1.25	10.00	75.00
5	to	6	ft.....	1.50	12.50	100.00
6	to	8	ft.....	2.00	15.00	
8	to	10	ft. specimens.....	4.00		

floribunda. 12'-15'**Japanese Flowering Crab**

Bright pink buds and white open flowers make a pleasing contrast. The yellow fruits about pea size will turn red if the birds are not too voracious. Truly a handsome thing.

2	to	3	ft.....	.75	6.00	50.00
3	to	4	ft.....	1.00	7.50	60.00
4	to	5	ft.....	1.25	10.00	75.00
5	to	6	ft.....	1.50	12.50	100.00
6	to	8	ft.....	2.00	15.00	

halliana parkmanni. 12'-15'**Parkman Crab**

Irregular crooked branches help to make this a picturesque winter picture and serve excellently to display the semi-double bright rose flowers nodding on long thin stems. Grows slowly.

2	to	3	ft.....	1.00	7.50	60.00
3	to	4	ft.....	1.50	12.50	100.00
4	to	5	ft.....	1.75	15.00	125.00
5	to	6	ft.....	2.00	17.50	135.00

MALUS

Each Per 10 Per 100

ioensis plena. 15'-18'**Bechtel Crab**

Each fragrant flower resembles a little pink rose prettily dangling on a two inch stalk. Quickly develops into a formal compact little tree and is the last crab apple to flower.

2	to	3	ft.....	.75	5.00	40.00
3	to	4	ft.....	1.00	7.50	50.00
4	to	5	ft.....	1.25	10.00	75.00
5	to	6	ft.....	1.50	12.50	100.00
6	to	8	ft.....	2.00	15.00	125.00
8	to	10	ft. specimens.....	4.00		

niedzwetzkyana. 12'-15'**Redvein Crab**

Leaves, flowers, fruit, bark and even the wood of this form are reddish purple. Improves with age, give space to develop.

2	to	3	ft.....	.75	6.00	50.00
3	to	4	ft.....	1.00	7.50	60.00
4	to	5	ft.....	1.25	10.00	75.00
5	to	6	ft.....	1.50	12.50	
6	to	8	ft.....	2.00		

prunifolia. 15'-18'**Pear Leaf Crab**

Handsome red or yellow apples about an inch across dangle from the strong branches and persist way into the winter. Large white flowers are so numerous as to resemble snow.

4	to	5	ft.....	1.25	10.00	
5	to	6	ft.....	1.50	12.50	
6	to	8	ft.....	2.00	15.00	

sargentii. 8'-9'**Sargent Crab**

An interesting shrubby habit makes this a most useful shrub for the smaller place. Hard to decide whether it is most attractive when blanketed with sparkling white flowers or when the myriad glittering red berry like fruits are strung along the spreading branches and they defy zero weather.

2	to	3	ft.....	1.00	7.50	60.00
3	to	4	ft.....	1.25	10.00	90.00
4	to	5	ft.....	2.00	15.00	125.00
5	to	6	ft.....	2.25	20.00	150.00
6	to	8	ft.....	2.75	22.50	200.00

scheideckeri. 12'-15'**Scheidecker Crab**

Has large semi-double pure pink flowers of lasting quality followed by a profusion of waxy yellow fruits over a half inch in diameter. Somewhat formal and upright in habit.

2	to	3	ft.....	.75	6.00	50.00
3	to	4	ft.....	1.00	7.50	60.00
4	to	5	ft.....	1.25	10.00	75.00
5	to	6	ft.....	1.50	12.50	100.00
6	to	8	ft.....	2.00		
8	to	10	ft. specimens.....	4.00		

sieboldi. 12'-15'**Toringo Crab**

In the bud deep rose is predominant but the open flowers fade to white. Large golden yellow or reddish apples in autumn.

2	to	3	ft.....	.75	6.00	50.00
3	to	4	ft.....	1.00	7.50	60.00
4	to	5	ft.....	1.25	10.00	75.00
5	to	6	ft.....	1.50	12.50	
6	to	8	ft.....	2.00	15.00	

— calocarpa. 12'-15'**Thick Fruited Crab**

Particularly handsome while the cherry like fruits abundantly decorate the branches. The bloomy covering at first hides the brilliant scarlet coloring of these little apples but they persist until midwinter. The spring display of large pink and white flowers seem to become more beautiful each year.

5	to	6	ft.....	1.50	12.50	
6	to	8	ft.....	2.75	22.50	

MALUS

Each Per 10 Per 100

spectabilis. 12'-15'**Chinese Flowering Crab**

Fragrant semi-double delicate pink flowers distinguish this beautiful upright form which for flower effect alone easily ranks among the best. Small yellow fruits are not showy.

2	to	3	ft	.....	.75	6.00	50.00
3	to	4	ft	.....	1.00	7.50	60.00
4	to	5	ft	.....	1.25	10.00	75.00
5	to	6	ft	.....	1.50	12.50	100.00
6	to	8	ft	.....	2.00	15.00	125.00

theifera. 15'-18'**Tea Crab**

Even for a crab apple this is amazingly floriferous for the whole stiffly branching structure is buried under a heavy cloud of red buds and blush white flowers. The formal outline and floral effect resembles that of a cherry tree.

3	to	4	ft	.....	1.50	12.50	100.00
4	to	5	ft	.....	2.00	15.00	125.00
5	to	6	ft	.....	2.25	20.00	
6	to	8	ft	.....	2.75	22.50	

MITCHELLA repens. 2''**Partridge Berry**

EVERGREEN. Round half inch white veined dark green leaves are formally arranged on the wiry little vines which hug the ground, an effective carpet in shady woods. Fragrant white flowers are followed by well known bright red berries. A gem for the rock garden and in terrariums.

3 in. pots25	2.10	15.00
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MORUS alba pendula. 8'-10'**Tea's Weeping Mulberry**

Grafted on five to six foot stems. Picturesque when old.

2 yr. heads	.....	1.50	12.50	100.00
3 yr. heads	.....	2.00	15.00	125.00

MYRICA carolinensis. 5'-6'**Northern Bayberry**

Few things will grow in such poor dry soil as this bayberry. The gray wax berries crowded on stiff branches last just as well when cut and dried for inside deco ation as they do outside. Quickly acquires a look of age Aromatic foliage.

1½	to	2	ft	.....	.60	5.00	40.00
2	to	2½	ft	.....	.75	6.00	50.00
2½	to	3	ft	.....	.90	7.50	65.00
3	to	3½	ft	.....	1.10	9.00	85.00

NEILLIA sinensis. 8'-10'**Tube Neillia**

Slender clusters of pink tassels hang from almost every twig. Graceful spreading habit. Green leaves often flushed bronze.

1	to	1½	ft	.....	.75	6.00	
1½	to	2	ft	.....	1.00	9.00	

NYSSA sylvatica. 60'-70'**Tupelo—Sour Gum**

Wavy, knotted interlacing branches give this native peculiar interest in winter but it is the brilliant scarlet autumn color that stands out. Prefers moist location, dislikes transplanting.

2	to	3	ft	.....	1.25	10.00	90.00
3	to	4	ft	.....	1.50	12.50	
4	to	5	ft	.....	2.25	20.00	

OXYDENDRUM arboreum. 30'-35'**Sorrel Tree—Sourwood**

Throughout the year a handsome tree with thick shiny leaves that turn vivid scarlet early in Fall and remain colored until winter. The long bunches of white summer flowers are not to be overlooked and even the gray fruits are conspicuous.

2	to	3	ft.	B. & B.....	.90	7.50	60.00
3	to	4	ft.	B. & B.....	1.25	11.00	90.00
4	to	5	ft.	B. & B.....	1.50	13.50	120.00
5	to	6	ft.	B. & B.....	2.00		
6	to	8	ft.	B. & B.....	3.00		

	Each	Per 10	Per 100
PACHISTIMA canbyi. 6''-9'' <i>Canby Pachistima</i>			
<i>EVERGREEN.</i> Somewhat resembles a miniature box bush. In an open moist place will gradually spread to make a pleasing glossy green mound. Useful in rockwork or for edging.			
3 to 6 in.....	.50	4.50	35.00

PACHYSANDRA terminalis. 6''-9'' <i>Japanese Spurge</i>			
<i>EVERGREEN.</i> Probably the most notable of all ground covers preferring shade but succeeds even in dry sterile soil.			
	Per 10	100	1000
2¼ in. deep pots	2.00	12.00	90.00

	Each	Per 10	Per 100
PHELLODENDRON amurense. 40'-50' <i>Amur Cork Tree</i>			
One of the few trees that will thrive in cities. Large compound leaves and thick corky branches give the appearance of a handsome black-walnut. Withstands considerable drought.			
6 to 8 ft.....	1.50	12.50	100.00
8 to 10 ft., 1¼ to 1½ in.....	2.00	17.50	150.00
10 to 12 ft., 1½ to 1¾ in.....	2.75	22.50	200.00
10 to 12 ft., 1¾ to 2 in.....	3.50	30.00	275.00
12 to 14 ft., 2 to 2½ in.....	4.50	40.00	

PHILADELPHUS coronarius. 8'-10' <i>Mock Orange</i>			
Vigorous and long lived this old fashioned "Sweet Syringa" is often found planted near the door or windows of farm-houses where the delicious fragrance of its white flowers could be enjoyed in May and June. Endures some shade.			
2 to 3 ft.....	.50	4.00	30.00

lemoinei. 4'-5' <i>Lemoine Mock Orange</i>			
The sweet fragrance has been retained in this neat compact hybrid. Needs practically no pruning, but remains within bounds indefinitely; the small leaves hidden by the flowers.			
1½ to 2 ft.....	.40	3.00	20.00
2 to 3 ft.....	.50	4.00	30.00
3 to 4 ft.....	.60	5.00	

— Avalanche. 4'-5' <i>Avalanche Mock Orange</i>			
Similar to "Lemoine" but more vigor, fragrance and flowers.			
1½ to 2 ft.....	.40	3.00	20.00
2 to 3 ft.....	.50	4.00	30.00

— Mont Blanc. 4'-5' <i>White Mountain Mock Orange</i>			
These hybrids are most useful small shrubs that succeed in spite of many adverse conditions. None are more cheerful and dazzling than this when its annual June show is given.			
1½ to 2 ft.....	.40	3.00	20.00
2 to 3 ft.....	.50	4.00	30.00
3 to 4 ft.....	.60	5.00	

— Virginal. 7'-8' <i>Virginal Mock Orange</i>			
Few shrubs have caused a greater stir of admiration than this introduction. Each flower, mostly quite double, is almost two inches across and large clusters just weigh down each branch so as to create a "heavy snowfall." The sheer white blossoms just glisten in sun or moonlight and throughout the whole summer you can enjoy the delicious fragrance from the continually open flowers. Prune out all old wood.			
1½ to 2 ft.....	.30	2.50	20.00
2 to 3 ft.....	.40	3.00	25.00
3 to 4 ft.....	.50	4.00	30.00

PHOTINIA

Each Per 10 Per 100

villosa. 12'-15'**Christmas Berry**

Unsung and little known but particularly handsome in autumn when the bold leathery foliage turns almost as red as the bright berries thickly strung over the bush all winter.

1½ to 2	ft.	.....	.50	4.00	30.00
2 to 3	ft.	.....	.60	5.00	40.00
3 to 4	ft.	.....	.75	6.00	50.00
4 to 5	ft.	.....	.90	8.00	70.00

PHYSOCARPUS opulifolia nana. 3'-4'**Dwarf Ninebark**

One of the good small shrubs that will add interest to the border with flat-topped bunches of creamy flowers in June.

1½ to 2	ft.	.....	.40	3.00	25.00
2 to 3	ft.	.....	.50	4.00	30.00
3 to 4	ft.	.....	.60	5.00	40.00

PICEA canadensis. 50'-60'**White Spruce**

ALL EVERGREEN. Seems happiest in coldest New England where it naturally grows right down to the shore line. Forms a shapely compact tree densely clothed with short silvery green needles. Grows slowly here, compact specimens.

1 to 1½	ft.	B. & B. ....	.90	7.50	60.00
1½ to 2	ft.	B. & B.	1.25	11.00	90.00
2 to 3	ft.	B. & B.	1.75	15.00	125.00
3 to 4	ft.	B. & B.	2.75	22.50	
4 to 5	ft.	B. & B.	4.00	35.00	
5 to 6	ft.	B. & B.	5.25		

excelsa. 80'-100'**Norway Spruce**

Generally regarded as more valuable for windbreaks and hedges than as a decorative tree, although while young the dark green symmetrical pyramid is most useful as a Christmas tree or tub specimen. Grows rapidly, well shaped plants.

1 to 1½	ft.	B. & B. ....	.75	6.00	50.00
1½ to 2	ft.	B. & B. ....	.90	7.50	65.00
2 to 2½	ft.	B. & B.	1.25	10.00	85.00
2½ to 3	ft.	B. & B.	1.50	12.50	115.00
3 to 4	ft.	B. & B.	2.25	20.00	150.00
4 to 5	ft.	B. & B.	3.50	30.00	275.00
5 to 6	ft.	B. & B.	5.25	45.00	
6 to 8	ft.	B. & B.	7.50		

— aurea. 30'-40'**Golden Spruce**

The exposed side of the needles turns light yellow in spring deepening to bronze in autumn, otherwise similar to the type.

5 to 6	ft.	B. & B.	12.00		
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— clanbrasiliana. 4'-5'**Barry Spruce**

Forms a broad billowy mass of light green. Extremely hardy and grows more quickly than most of the dwarf forms.

9 to 12	in.	B. & B.	2.25	20.00	125.00
12 to 15	in.	B. & B.	2.75	22.50	
15 to 18	in.	B. & B.	3.50	30.00	
1½ to 2	ft.	B. & B.	4.50	40.00	

— conica. 6'-8'**Arrowhead Norway Spruce**

Without any trimming forms a perfectly symmetrical dense cone, admirable for formal work or "foundation plantings."

9 to 12	in.	B. & B.	1.50	13.50	125.00
12 to 15	in.	B. & B.	2.25	20.00	150.00
15 to 18	in.	B. & B.	3.00	27.50	225.00
1½ to 2	ft.	B. & B.	4.00	35.00	300.00
2½ to 3	ft.	B. & B.	6.00	55.00	

— maxwelli. 1½'-2'**Maxwell Spruce**

A broad dense cushion with a sturdy structure of intricate stubby brown branchlets covered all around with pale green thick sharply pointed needles. Truly a gem for rock gardens.

6 to 9	in.	B. & B.	2.50		
12 to 15	in.	B. & B.	5.00		

PICEA. ALL EVERGREEN. Each Per 10 Per 100
excelsa pendula. 20'-25' *Weeping Spruce*

Creates a curious sad effect with the inverted branches growing toward the ground. The grotesque lines look well among large boulders or in exotic gardens, especially when old.

2 to 3 ft. B. & B..... 4.50

— *procumbens.* 2' *Prostrate Norway Spruce*

In youth this little fellow has the shape of a flat pumpkin but slowly covers a broader area without adding to its height, and all through its long life is neat, well defined and beautifully clothed with short rich green needles. Quite a favorite.

9 to 12 in. B. & B..... 3.00 27.50

12 to 15 in. B. & B..... 4.50 42.50

15 to 18 in. B. & B..... 6.00 55.00

— *pumila.* 3'-4' *Dwarf Norway Spruce*

More globular than most, but very dense. Needs a little protection from winter sun but able to stand low temperatures.

6 to 9 in. B. & B..... 2.25 20.00

12 to 15 in. B. & B..... 4.50 40.00

— *pyramidalis.* 40'-50' *Pyramidal Norway Spruce*

All the branches ascending to form a narrow shapely pyramid.

5 to 6 ft. B. & B..... 7.50

6 to 8 ft. B. & B..... 9.00

8 to 10 ft. B. & B..... 12.00

— *repens.* 1½' *Creeping Norway Spruce*

Wide spreading prostrate branches make a thick irregular blanket of interesting texture, perfectly at home among rocks.

6 to 9 in. B. & B..... 2.25 20.00 150.00

2 to 2½ ft. B. & B..... 7.50

glauca conica. 5'-6' *Dwarf Alberta Spruce*

A perfect miniature reproduction of a tall forest tree, having branches crowded into a compact narrow cone with a rugged old look about it. Very thin slatey green foliage makes an exceedingly fine texture. Best where slightly shaded.

6 to 9 in. B. & B..... .80 6.00 50.00

9 to 12 in. B. & B..... 1.25 10.00 85.00

12 to 15 in. B. & B..... 1.50 13.50 125.00

15 to 18 in. B. & B..... 2.25 20.00 150.00

2½ to 3 ft. B. & B..... 7.50

koyamai. 40'-50' *Koyamai Spruce*

When young a broad-based cone, but lengthens into a narrow pyramid with husky looking branches and thick needles.

3 to 4 ft. B. & B..... 5.00 45.00

4 to 5 ft. B. & B..... 6.00

omorika. 60'-80' *Serbian Spruce*

We rate this as the King of Spruces, handsome from a foot high to its lofty maturity. On the under side the flat needles are lustrous green with white stripes above, giving a bicolor effect. Its narrow pyramidal outline is maintained and the severest climate does not influence its slow but sure growth.

1½ to 2 ft. B. & B..... 4.00 35.00 300.00

2 to 2½ ft. B. & B..... 5.00 45.00

4 to 5 ft. B. & B..... 13.50

5 to 6 ft. B. & B..... 18.00

6 to 8 ft. B. & B..... 22.50

PICEA. ALL EVERGREEN. Each Per 10 Per 100**orientalis. 60'-70'** *Oriental Spruce*

Graceful widespreading branches sweep the ground merging into a central spire which rises with classic outline to pierce the sky. Glossy blackish green needles increase its sombre dignity—a picture of aristocratic beauty. Quite useful in small plantings owing to its slow growth and rich color.

1	to	1½ ft.	B. & B.....	3.50	30.00	275.00
1½	to	2 ft.	B. & B.....	4.00	35.00	300.00
2	to	2½ ft.	B. & B.....	5.00	45.00	
2½	to	3 ft.	B. & B.....	7.00		
6	to	7 ft.	B. & B.....	21.00		

polita. 60'-75' *Tigertail Spruce*

Is the most distinct of all Spruces by reason of the thick rigid spiny needles sparsely distributed around the stubby branches.

1	to	1½ ft.	B. & B.....	1.50	12.50	
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pungens. 70'-80' *Colorado Spruce*

A bold native Spruce with dull gray-green thick needles. Quite symmetrical and handsome when young, but becomes picturesque in old age when the lower branches disappear.

1	to	1½ ft.	B. & B.....	.60	5.50	45.00
1½	to	2 ft.	B. & B.....	1.25	10.00	75.00
2	to	2½ ft.	B. & B.....	2.00	15.00	125.00
2½	to	3 ft.	B. & B.....	2.75	22.50	200.00
3	to	4 ft.	B. & B.....	4.00	35.00	300.00
4	to	5 ft.	B. & B.....	5.50	50.00	450.00
5	to	6 ft.	B. & B.....	7.50	67.50	

— glauca. 70'-80' *Colorado Blue Spruce*

From the variable seedlings has been selected this intensely "blue" form, so popular even in very small sizes. Well shaped.

1	to	1½ ft.	B. & B.....	1.50	12.50	
1½	to	2 ft.	B. & B.....	2.25	20.00	
3	to	4 ft.	B. & B.....	5.00		
4	to	5 ft.	B. & B.....	7.50		
5	to	6 ft.	B. & B.....	12.00		

— kosteri. 50'-60' *Koster's Blue Spruce*

Probably the most widely known of all evergreens, due to the brilliant silvery blue foliage, which is kept uniform by grafting selected specimens. Spectacular as a lawn specimen and ideal for the color climax or contrast in mixed plantings.

3 yr. grafts.....				1.50	12.50	100.00
12	to	15 in.	B. & B.....	2.75	22.50	200.00
15	to	18 in.	B. & B.....	4.00	35.00	300.00
1½	to	2 ft.	B. & B.....	5.00	45.00	400.00
2	to	2½ ft.	B. & B.....	6.75	60.00	525.00
2½	to	3 ft.	B. & B.....	10.00	90.00	750.00
3	to	3½ ft.	B. & B.....	11.00	100.00	900.00
3½	to	4 ft.	B. & B.....	13.50	120.00	
4	to	5 ft.	B. & B.....	16.50	150.00	
5	to	6 ft.	B. & B.....	21.00	180.00	
6	to	7 ft.	B. & B.....	25.00	225.00	
7	to	8 ft.	B. & B.....	30.00		

PIERIS floribunda. 4'-5' *Mountain Andromeda*

EVERGREEN. Both for foliage and floral effect this hardy native is well nigh indispensable. Dark green leathery privet-like leaves remain untouched in zero weather and serve splendidly as background for the upright clusters of waxy white flowers in May. Acid soil, half shady spot preferred.

15	to	18 in.	B. & B.....	3.00	25.00	225.00
1½	to	2 ft.	B. & B.....	3.75	32.50	300.00
2	to	2½ ft.	B. & B.....	4.50	42.50	375.00

Each Per 10 Per 100

PIERIS japonica. 6'-7'
Japanese Andromeda

EVERGREEN. Almost the ideal shrub without a flaw. In early spring graceful pendants of waxy white urnshaped flowers are prettily interspersed among the lustrous deep green foliage. Then comes the tender green young growths beautifully winestained until the wavy leaves mature into their leathery texture defying both extreme heat and cold. In mid-winter the rugged character of the bush is emphasized by the young unopened flower buds held aloft unharmed by wind and weather to again play their part in a glorious display in May.

12 to 15 in.	B. & B.....	1.50	13.50	120.00
15 to 18 in.	B. & B.....	2.25	20.00	150.00
1½ to 2 ft.	B. & B.....	3.00	27.50	225.00
2 to 2½ ft.	B. & B.....	4.00	35.00	300.00
2½ to 3 ft.	B. & B.....	5.50	50.00	

PINUS cembra 30'-40'
Swiss Stone Pine

ALL EVERGREEN. Slow growing so it may be safely used in low plantings. Generally seen as a blunt compact pyramid clothed in soft textured coat of bluish-green needles, but eventually becomes a picturesque round topped tree.

6 to 9 in.	B. & B.....	1.50	13.50	
3 to 4 ft.	B. & B.....	10.00		

densiflora. 50'-60'
Japanese Red Pine

A rapid grower that quickly gives evidence of its mature irregular outline. Has bright green needles, orange brown branches.

4 to 5 ft.	B. & B.....	4.00	35.00	
5 to 6 ft.	B. & B.....	5.00	45.00	
6 to 8 ft.	B. & B.....	6.00	55.00	

— umbraculifera. 8'-10'
Japanese Umbrella Pine

"Tanyosho" is a vivid green flat topped cushion that very slowly expands with age. An occasional "bobbing" of the new growth in Spring will increase its neat formal appearance.

12 to 15 in.	B. & B.....	1.25	11.00	90.00
15 to 18 in.	B. & B.....	1.50	13.50	120.00
1½ to 2 ft.	B. & B.....	2.25	20.00	150.00
2 to 2½ ft.	B. & B.....	3.25	27.50	225.00
2½ to 3 ft.	B. & B.....	5.00	45.00	400.00
3 to 3½ ft.	B. & B.....	6.50	60.00	
4 ft.	B. & B.....	11.00		

excelsa. 50'-60'
Himalayan Pine

Worthy of a sheltered location where it will quickly attain majestic proportions. The wide spreading branches display the slender drooping six inch needles to great advantage.

2 to 3 ft.	B. & B.....	2.75	22.50	200.00
3 to 4 ft.	B. & B.....	3.50	30.00	275.00
4 to 5 ft.	B. & B.....	5.00	45.00	400.00
5 to 6 ft.	B. & B.....	6.75	60.00	500.00
6 to 8 ft.	B. & B.....	10.00	85.00	

flexilis. 30'-40'
Limber Pine

Often called the "Blue" Pine because of its characteristic steel gray tufts of stiff needles, but these turn dark green when old. Even young cultivated specimens show impatience to assume their native picturesque habit so fitting with rough places.

1½ to 2 ft.	B. & B.....	3.00	27.50	
2 to 3 ft.	B. & B.....	4.00	35.00	
3 to 4 ft.	B. & B.....	5.00	45.00	

PINUS **ALL EVERGREEN** Each Per 10 Per 100

montana mughus. 3'

Mugho Pine

Most conspicuous in Spring when the erect "candles" of new growth decorate the top of the low flat cushion-like bush.

12	to	15	in.	B. & B.....	1.25	10.00	85.00
15	to	18	in.	B. & B.....	2.00	17.50	150.00
1½	to	2	ft.	B. & B.....	3.00	27.50	225.00
2	to	2½	ft.	B. & B.....	4.00	37.50	350.00
2½	to	3	ft.	B. & B.....	5.50	50.00	
3	to	3½	ft.	B. & B.....	9.00		

nigra. 50'-60'

Austrian Pine

One of the most dignified of the family, with stiff dark green six inch needles covering the vigorous up curving branches. Succeeds on poor land even down to the seashore. Handsome.

2	to	3	ft.	B. & B.....	2.75	22.50	200.00
3	to	4	ft.	B. & B.....	3.50	30.00	275.00
4	to	5	ft.	B. & B.....	4.50	42.50	375.00
5	to	6	ft.	B. & B.....	6.00	55.00	500.00
6	to	8	ft.	B. & B.....	9.00	75.00	675.00

resinosa. 60'-70'

Red Pine

For this section doubtless the best pine for reforestation as it succeeds on the poorest land and soon prevents erosion of a barren hillside. Vigorous in any well drained location, its dark green needles make a good background and windbreak.

2	to	3	ft.	B. & B.....	2.75	22.50	200.00
3	to	4	ft.	B. & B.....	3.50	30.00	275.00
4	to	5	ft.	B. & B.....	4.50	42.50	
5	to	6	ft.	B. & B.....	6.00	55.00	
6	to	8	ft.	B. & B.....	9.00	75.00	675.00
8	to	10	ft.	B. & B.....	12.00	110.00	900.00

strobus. 80'-100'

White Pine

Truly a noble native, handsome in its formal youth and typically picturesque in its independent old age. Extremely hardy, most adaptable. Splendid hedges can be made by clipping

2	to	3	ft.	B. & B.....	1.50	13.50	120.00
3	to	4	ft.	B. & B.....	2.25	20.00	150.00
4	to	5	ft.	B. & B.....	4.00	35.00	275.00
5	to	6	ft.	B. & B.....	6.00	50.00	450.00
6	to	8	ft.	B. & B.....	9.00	75.00	
8	to	10	ft.	B. & B.....	12.00	110.00	
10	to	12	ft.	B. & B.....	18.00		

— fastigiata. 35'-40'

Upright White Pine

Stiffly ascending branches form a narrow columnar tree, clothed with the same soft green mantle of needles as the parent.

1½	to	2	ft.	B. & B.....	2.25	20.00	
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sylvestris. 40'-50'

Scotch Pine

Quite happy in any except a wet location the Scotsman withstands drought, cold and heat, growing with equal vigor, to assume a gnarled picturesque appearance. Impoverished soil has no effect on the husky twisted gray green needles so is often used for reclamation, as well as landscape planting.

3	to	4	ft.	B. & B.....	2.75	22.50	
4	to	5	ft.	B. & B.....	4.00	35.00	
5	to	6	ft.	B. & B.....	5.00	45.00	
6	to	8	ft.	B. & B.....	6.50	60.00	525.00
8	to	10	ft.	B. & B.....	10.00	90.00	

PINUS ALL EVERGREEN Each Per 10 Per 100
thunbergi. 60'-70' *Japanese Black Pine*

Undoubtedly the best pine for planting near the seaside where spray has no effect on the stiff bright green needles. Develops an interesting irregular outline. Support where too exposed.

5	to	6	ft.	B. & B.....	6.00	55.00	
6	to	8	ft.	B. & B.....	8.50	75.00	
8	to	10	ft.	B. & B.....	12.50	110.00	

PLATANUS occidentalis. 100' *American Plane Tree*

Seems to prefer a river bank or moist place, where the towering white trunk with its ragged gaunt branches typify independence. Unfortunately doesn't take kindly to cultivation.

8	to	10	ft	.....	1.50	12.50	
8	to	10	ft., 1 1/4 to 1 1/2 in.....		2.00	15.00	125.00
10	to	12	ft., 1 1/2 to 1 3/4 in.....		2.25	20.00	150.00
12	to	14	ft., 1 3/4 to 2 in.....		3.00	27.50	

orientalis. 70'-80' *European Plane Tree*

For general use a far superior tree with broad leaves that resist insects, dust and smoke. Notwithstanding rapid growth the "Sycamore" attains a fabulous age. The shapely head casts comfortable shade allowing grass to grow freely, so makes a splendid lawn tree, but whether at the seashore or on the city street it "carries on" successfully. Splendid trees.

8	to	10	ft., 1 1/4 to 1 1/2 in.....		1.50	12.50	100.00
10	to	12	ft., 1 1/2 to 1 3/4 in.....		2.00	15.00	135.00
10	to	12	ft., 1 3/4 to 2 in.....		2.75	22.50	200.00
12	to	14	ft., 2 to 2 1/2 in.....		3.50	30.00	275.00
12	to	14	ft., 2 1/2 to 3 in.....		5.00	45.00	

POLYGONUM auberti. Vine, 40'-50' *Chinese Fleece Vine*

Vigorous climber that grows amazingly fast. Will effectively cover or screen undesirable objects with a dense mantle of handsome light green leaves, topped in July and August with an airy webbing of fleecy white flowers. Needs sunlight.

6 in. pots.....	.90	7.50	
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POPULUS bolleana. 40'-50' *Bolle Poplar*

A slender shaft with rather handsome foliage, dark green above and almost white reverse. Gray bark attractive in winter.

4	to	6	ft.....	.75	6.00	45.00	
6	to	8	ft.....	1.00	8.50	60.00	
8	to	10	ft.....	1.25	10.00	90.00	

nigra italica. 60'-80' *Lombardy Poplar*

Familiar as the exclamation point of landscape design, the graceful spires of restless light green leaves are most useful for grouping, formal lines, screening and even narrow streets.

6	to	8	ft.....	1.00	7.50	60.00	
8	to	10	ft.....	1.25	10.00	90.00	

simoni. 30' *Simon Poplar*

Slightly broader but otherwise comparable to the Lombardy. Nice clean shiny green foliage, disease resistant. Vigorous.

6	to	8	ft.....	1.00	7.50	60.00	
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POTENTILLA fruticosa. 3'-4' *Shrubby Cinquefoil*

Cheerful yellow single flowers bejewel the compact round bush all summer even during the hottest dryest season.

1	to	1 1/2	ft.....	.40	3.00	25.00	
1 1/2	to	2	ft.....	.50	4.00	30.00	

POTENTILLA

Each Per 10 Per 100

tridentata. 1'**Wineleaf Cinquefoil**

EVERGREEN. Really a groundcover as the "trefoil" leaves will in slightly shaded spots make a handsome shiny blanket of dark green dotted in May with tiny white flowers.

2 yr..... .40 3.00

PRUNUS cerasifera pissardi. 10'-12'**Purple Leaf Plum**

Annual pruning of old wood will intensify the reddish purple coloring of the peach like leaves. Pink flowers hardly noticed.

6 to 8 ft..... 1.25 10.00

glandulosa. 4'-5'**Double Flowering Almond**

Every willowy branch becomes a fairy wand of pure pink in very early spring. A real domestic indispensable favorite.

1½ to 2 ft..... .60 5.00 40.00

— alba. 4'-5'**White Almond**

Very double white flowers are the only point of difference.

1½ to 2 ft..... .50 4.00 35.00

2 to 3 ft..... .60 5.00 45.00

maritima. 8'-10'**Beach Plum**

Frail dainty white blossoms lightly sprinkled over the bush serve to accentuate the bare erratic stiff branches which never seem so happy as when in large drifts at their seashore home.

1 to 1½ ft..... .50 4.00 30.00

1½ to 2 ft..... .60 5.00 40.00

2 to 3 ft..... .70 6.00 50.00

3 to 4 ft..... .90 7.50

serrulata. 30'-40'**Oriental Cherry**

Has typical smooth chestnut brown cherry-bark with semi-double white flowers, which in May are apt to be outshone by the exquisite pageantry of its many offsprings here named.

6 to 8 ft..... 2.25

— Amanogawa. 20'-25'**Upright Cherry**

A distinct form with a Lombardy Poplar style of growth. Semi-double pink flowers gracefully hang in dense clusters.

3 to 4 ft. B. & B..... 1.50 12.50

4 to 5 ft. B. & B..... 2.25 20.00

5 to 6 ft. B. & B..... 3.00 25.00

— Beni-Higan. 30'-40'**Single Pink**

Great clouds of pale pink single flowers begin to expand in March and gradually envelop the whole tree. Vigorous growth.

5 to 6 ft. B. & B..... 3.00

6 to 8 ft. B. & B..... 5.25

8 to 10 ft. specimens B. & B..... 9.00

— Fugenzo (Kofugen) (James H. Veitch) 30' Double Pink

One of the latest to bloom; the unusually large double pink flowers expand with the coppery young foliage, a nice contrast. Probably one of the most popular and reliable sorts.

3 to 4 ft. B. & B..... 2.00 15.00 125.00

4 to 5 ft. B. & B..... 2.25 20.00 150.00

5 to 6 ft. B. & B..... 3.00 25.00

6 to 8 ft. B. & B..... 5.25

8 to 10 ft. specimens B. & B..... 9.00

10 to 12 ft. specimens B. & B..... 13.50

— Gyoiko 30'-40'**Double Light Green**

The green double flowers are more unique than pretty.

8 to 10 ft. specimens B. & B..... 9.00

10 to 12 ft. specimens B. & B..... 13.50

PRUNUS

Each Per 10 Per 100

serrulata Kwanzan. 30'*Double Pink*

Large very double deep pink flowers, almost red in bud, and bronze young growth coupled with its rapid growth justify the highest rating to this good form. Well formed, vigorous.

3	to	4	ft.	B. & B.....	2.00	15.00	125.00
4	to	5	ft.	B. & B.....	2.25	20.00	150.00
5	to	6	ft.	B. & B.....	3.00	25.00	

— Mikurumagaeshi. 25'-30'*Double Light Pink*

Perhaps the prettiest with its bunches of frilled tassel-like flowers strung along the thick branches. The shell pink shading is just as delicate as the elusive fragrance. Scarce.

4	to	5	ft.	B. & B.....	2.25		
5	to	6	ft.	B. & B.....	3.00		
6	to	8	ft.	B. & B.....	5.25		

— Mount Fuji (Shirotae) 30'*Double White*

Undoubtedly the finest double white. Large and pure in color the flowers blanket the well formed tree as would snow.

3	to	4	ft.	B. & B.....	2.00	15.00	
4	to	5	ft.	B. & B.....	2.25	20.00	
5	to	6	ft.	B. & B.....	3.00	25.00	
6	to	8	ft.	B. & B.....	5.25		

— Naden. 30'-40'*Siebold Cherry*

Very floriferous and showy when literally smothered in pale pink semi-double blossoms arranged in short stemmed clusters.

3	to	4	ft.	B. & B.....	2.00	15.00	
4	to	5	ft.	B. & B.....	2.25		
5	to	6	ft.	B. & B.....	3.00		

— sachalinensis. 30'-40'*Yama Cherry*

More vigorous and showy than the Mother tree, having large white to pink single flowers covering bare branches in April.

4	to	5	ft.	B. & B.....	2.00		
5	to	6	ft.	B. & B.....	2.25		
6	to	8	ft.	B. & B.....	3.00		

— Shirofugen. 30'*Double Blush Pink*

Pink in bud, the very large double flowers become white, then gradually assume a blush as they mature. Vigorous.

3	to	4	ft.	B. & B.....	2.00	15.00	125.00
4	to	5	ft.	B. & B.....	2.25	20.00	150.00
5	to	6	ft.	B. & B.....	3.00	25.00	
6	to	8	ft.	B. & B.....	5.25		
8	to	10	ft. specimens	B. & B.....	9.00		

— Yoshino (Yedoensis). 40'-50'*Single Blush Pink*

Because of its conspicuous position around the Tidal Basin in Washington, D. C. this species is widely known, and also it is the "advance guard" of the gorgeous display during cherry blossom season. The single pink flowers become flushed with purple before falling. An excellent shade tree.

3	to	4	ft.	B. & B.....	2.00	15.00	
4	to	5	ft.	B. & B.....	2.25	20.00	
5	to	6	ft.	B. & B.....	3.00	25.00	
6	to	8	ft.	B. & B.....	5.25		
8	to	10	ft. specimens	B. & B.....	9.00		

subhirtella pendula. 12'-15'*Weeping Japan Cherry*

Is it possible to adequately describe those gossamer pink fountains that come from fairyland each spring? And yet they are sturdy trees that need little attention beyond a well-drained place in the sun. These are the popular tall stemmed kind.

2	yr. head	.....	2.00	17.50	150.00	
3	yr. head	B. & B.....	3.50	30.00		
4	yr. head	B. & B.....	4.75	42.50		
5	yr. head specimens	B. & B.....	6.50	60.00		

PRUNUS

Each Per 10 Per 100

subhirtella pendula. (GRAFTED LOW) Weeping Cherry

And these have branches right from the ground to produce a more informal natural effect. Similar single pink flowers.

2	to	3	ft.	B. & B.....	2.00	15.00	
3	to	4	ft.	B. & B.....	2.50	20.00	
4	to	5	ft.	B. & B.....	3.00	27.50	
5	to	6	ft.	B. & B.....	6.00		

— flore pleno. 12'-15' Double Fl. Weeping Cherry

Imagine if you can, a glorified Weeping Cherry with the same graceful fountain-like sweep of branches each thickly studded with double pink flowers—it is truly magnificent.

2	yr. head				2.00	17.50	150.00
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tomentosa. 6'-8' Nanking Cherry

Each of the straight branches is completely surrounded by tiny white cherry blossoms, which give way to an exuberant crop of small scarlet cherries; and don't the birds relish them.

2	to	3	ft.	.....	.50	4.00	30.00
3	to	4	ft.	.....	.60	5.50	45.00
4	to	5	ft.	.....	.80	7.00	60.00

triloba plena. 7'-8' Double Flowering Plum

Larger and still more gorgeous than cousin "Almond." The bright pink double flowers thickly stud each branch and twig.

3	to	4	ft.	.....	.75	6.00	50.00
4	to	5	ft.	.....	1.00	9.00	

PSEUDOTSUGA douglasi. 70'-80' Douglas Fir

EVERGREEN. Handsome and symmetrical from the seed bed to the towering forest monarch this Rocky Mountain form has variable gray green foliage with soft pleasing texture.

1½	to	2	ft.	B. & B.....	1.25	11.00	90.00
2	to	2½	ft.	B. & B.....	2.00	15.00	125.00
2½	to	3	ft.	B. & B.....	2.75	22.50	200.00
3	to	4	ft.	B. & B.....	3.00	27.50	225.00
4	to	5	ft.	B. & B.....	4.00	35.00	300.00
5	to	6	ft.	B. & B.....	5.00	45.00	

PYRACANTHA coccinea. 8'-10' Firethorn

EVERGREEN. This original type is a broad spreading dense branched shrub with light green leaves and scarlet fruits.

5	in. pots.....				1.00	9.00	75.00
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— lalandi. 15'-18' Laland Firethorn

EVERGREEN. But here we have quite a different character. Strong slender branches rising from the ground develop stubby side growths upon which are hung the numerous orange red berries. Altho a handsome "specimen" shrub it is seen to best advantage when trained against a wall allowing the deep green foliage to act as a background for the berries.

5	in. pots, 1½ to 2	ft.	.....		1.25	10.00	90.00
6	in. pots, 2 to 3	ft.	.....		1.75	15.00	125.00
5	to 6	ft. B. & B. Bushy.....			5.25		

QUERCUS palustris. 70'-80' Pin Oak

Most adaptable of the family this handsome fellow is used extensively for avenues where the trim pyramidal head accentuates distance. Deeply cut shiny foliage turns rich crimson in autumn transforming its swamp homeland where the old patriarchs rear their rugged irregular heads on a tall straight trunk devoid of lower branches—and it grows quickly!

8	to	9	ft.	.....	2.25	20.00	150.00
9	to	10	ft., 1¼ to 1½	in.....	3.00	27.50	225.00
10	to	11	ft., 1½ to 1¾	in.....	4.00	35.00	300.00
11	to	12	ft., 1¾ to 2	in.....	5.00	45.00	400.00
12	to	14	ft., 2 to 2½	in.....	6.00	55.00	500.00
12	to	14	ft., 2½ to 3	in.....	7.50	67.50	600.00
14	to	16	ft., 3 to 3½	in.....	12.00		

QUERCUS

Each Per 10 Per 100

phellos. 40'-50'*Willow Oak*

Deep green polished willow like foliage turning yellow in autumn characterises this tree. Needs some encouragement here, a moist sheltered spot will foster a magnificent specimen.

8	to	10 ft.,	1½	to	2 in.....	6.00	52.50	
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10	to	11 ft.,	2½	to	3 in.....	9.00	85.00	
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rubra. 70'-80'*Red Oak*

Typically oak-like this majestic tree soon acquires size and an ageless look. Beginning in spring on fuzzy tender pink clusters the glossy green leaves become stained and blotched with warm crimson red in autumn and hang on till spring. Wide spreading branches need plenty of room for development.

8	to	9 ft.....	4.50	40.00	
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9	to	10 ft. 1¼	to	1½ in	5.50	50.00
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10	to	12 ft. 1½	to	2 in.....	7.00	65.00
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RHAMNUS caroliniana. 20'-25'*Carolina Buckthorn*

Handsome deep green leaves make a splendid background. Red berries change to black. A good dominant border shrub.

3	to	4 ft.....	.50	4.00	
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4	to	6 ft.....	.60	5.00	
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cathartica. 10'-12'*Common Buckthorn*

Another good background shrub with glittering black berries.

2	to	3 ft.....	.40	3.00	25.00
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3	to	4 ft.....	.50	4.00	30.00
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4	to	5 ft.....	.60	5.00	
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frangula. 10'-12'*Glossy Buckthorn*

Attractive glossy foliage, clear yellow in autumn. Red, purple and black berries hang on the shrub at same time; hardy.

3	to	4 ft.....	.50	4.00	30.00
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4	to	5 ft.....	.60	5.00	40.00
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RHODODENDRON canadense. 3'-4'*Rhodora*

Shy as most woodland subjects are the charming Rhodora of poetical fame is seldom seen. Tender purple flowers are borne on bare twigs brightening its natural moist shady home.

12	to	15 in.	B. & B.....	1.50	12.50
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15	to	18 in.	B. & B.....	2.00	15.00
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carolinianum (Nursery Grown) 5'-6'*Carolina Rhododendron*

EVERGREEN. In an open sunny place the charming pink May bells are more colorful and the whole plant is more bushy, although half shade is quite satisfactory on acid soil.

15	to	18 in.	B. & B.....	2.75	22.50	200.00
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1½	to	2 ft.	B. & B.....	3.50	30.00	275.00
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2	to	2½ ft.	B. & B.....	4.50	42.50	375.00
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2½	to	3 ft.	B. & B.....	5.75	52.50	
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3	to	3½ ft.	B. & B.....	7.50	67.50	
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— album (Nur.Grown) 5'-6'*White Carolina Rhododendron*

EVERGREEN. White flowers and slightly larger leaves.

15	to	18 in.	B. & B.....	2.75	22.50	200.00
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1½	to	2 ft.	B. & B.....	3.50	30.00	
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2	to	3 ft.	B. & B.....	4.50	42.50	
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catawbiense (Nur. Grown) 8'-10'*Catawba Rhododendron*

EVERGREEN. It is natural to assume the parent of many hybrids should possess excellent qualities, and it does. Few native shrubs make such a gorgeous display as the great masses of rosy-purple flowers in May and June. Acid soil is of course necessary and broken shade ideal for the foliage.

1	to	1½ ft.	B. & B.....	2.25	20.00	150.00
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1½	to	2 ft.	B. & B.....	3.00	27.50	225.00
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2	to	2½ ft.	B. & B.....	4.00	37.50	350.00
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2½	to	3 ft.	B. & B.....	5.50	50.00	450.00
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3	to	4 ft.	B. & B.....	7.00	65.00	
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RHODODENDRON

Each Per 10 Per 100

maximum (Nursery Grown) 12'-15' **Rosebay Rhododendron**

EVERGREEN. Essentially a shade plant, the "Great Laurel" forms the backbone of most woods plantings, where the leathery six inch leaves are of even greater landscape value than the pale pink flowers. Late May and June is "laurel season" but if happily placed in acid soil, preferably in masses, the rich foliage effect is pleasing and dignified the year round.

1	to	1½ ft.	B. & B.....	2.00	17.50	150.00
1½	to	2 ft.	B. & B.....	2.75	22.50	200.00
2	to	2½ ft.	B. & B.....	3.00	27.50	225.00
2½	to	3 ft.	B. & B.....	4.00	35.00	300.00
3	to	4 ft.	B. & B.....	5.50	50.00	450.00
4	to	5 ft.	B. & B.....	8.00	75.00	675.00
5	to	6 ft.	B. & B.....	11.00		
6	to	8 ft.	B. & B.....	13.50		

minus (*punctatum*). 6'-8' **Piedmont Rhododendron**

Rather a loose open grower with much smaller leaves than "Rosebay." Attractive rosy-pink flowers are almost hidden by the young growth in June. Half shade and acid soil.

1½	to	2 ft.	B. & B.....	4.00	35.00	
2	to	3 ft.	B. & B.....	4.50	40.00	
3	to	4 ft.	B. & B.....	5.50	50.00	

RHODODENDRON HYBRIDS (ALL EVERGREEN.)

That is, the grafted named varieties flower much more freely than any others. The individual flowers are larger, more brilliantly colored than Catawba and are produced in enormous bunches held erect about the canopy of splendid bold foliage. Altho acid soil is necessary these grafted hybrids do quite well in open sunlight but prefer light shade. All bushy.

album elegans. 10'-12'

Grows quickly into tall narrow bush; white flushed pink.

catawbiense album. 6'-8' (Up to 2½ to 3 ft.)

Splendid foliage, vigorous grower, large pure white flowers.

Everestianum. 5'-6'

Prettily frilled lilac-pink flowers, compact, reliable, handsome.

maximum roseum. 8'-10' (Up to 1½ ft.)

Deeper pink and more profuse than type. Same large foliage.

maximum superba. 8'-10'

Really a glorified "Rosebay", deeper pink flowers, large leaves.

President Lincoln. 6'-8' (Up to 2 to 2½ ft.)

Large rosy-lavender flowers, good foliage, compact habit.

roseum elegans. 8'-10'

The most reliable and vigorous of all hybrids. Bright rose-pink flowers in great clusters almost hide handsome foliage.

12	to	15 in.	B. & B.....	2.00	17.50	135.00
15	to	18 in.	B. & B.....	2.75	22.50	210.00
1½	to	2 ft.	B. & B.....	4.00	35.00	300.00
2	to	2½ ft.	B. & B.....	4.50	42.50	400.00
2½	to	3 ft.	B. & B.....	7.50	67.50	
3	to	3½ ft.	B. & B.....	10.00	90.00	
3½	to	4 ft.	B. & B.....	13.50		
4	to	5 ft.	B. & B.....	18.00		

Atrosanguinea. 6'-8' (Up to 2 to 2½ ft.)

Blood-red flowers, vigorous compact habit, one of the best.

Caractacus. 6'-8'

A popular old kind with gorgeous rich crimson flowers.

Charles Bagley. 7'-8'

Brilliant cherry-red flowers in big bunches. A reliable grower.

Chas. Dickens. 6'-8'

Rich dark crimson, handsome but disappointing in growth.

Cunningham's White. 5'-6' (Up to 2 to 2½ ft.)

Rather narrow lustrous green leaves just smothered in a blanket of pure white flowers in early May. Easily grown.

Delicatissimum. 6'-8'

A tall grower besprinkled with dainty bells of tenderest pink.

RHODODENDRON HYBRIDS—continued

E. S. Rand. 6'-8' (Up to 2½ to 3 ft.)

Has very large rich crimson flowers with a darker eye.

Henrietta Sargent. 6'-8'

Red flowers in large trusses and attractive wavy foliage.

Ignatius Sargent. 6'-8' (Up to 2 to 2½ ft.)

Rosy scarlet flowers in enormous trusses. Splendid foliage.

Lady Armstrong. 6'-8'

Light pink spotted with green and maroon. Open in growth.

Mrs. C. S. Sargent. 6'-8'

Very large glowing pink flowers, handsome wavy foliage.

Parson's rubrum. 6'-8'

Deep purplish red, very hardy and dependable for flowers.

Purpureum elegans. 6'-8'

In bud a rich deep purple opening to deep lavender, handsome.

		Each	Per 10	Per 100
15 to 18 in.	B. & B.....	4.50	40.00	
1½ to 2 ft.	B. & B.....	6.00	52.50	
2 to 2½ ft.	B. & B.....	8.50	75.00	
2½ to 3 ft.	B. & B.....	12.00		
3 to 3½ ft.	B. & B.....	15.00		

Boule de Nieve. 4'-5'

Extremely hardy, this dwarf form retains its irregular mounded outline, well furnished with light green leaves and liberally dotted with large clusters of sheeny white flowers.

12 to 15 in.	B. & B.....	4.50	40.00	300.00
15 to 18 in.	B. & B.....	6.00	52.50	450.00
1½ to 2 ft.	B. & B.....	7.50	67.50	600.00
2 to 2½ ft.	B. & B.....	10.00	90.00	

RHODOTYPOS kerrioides. 5'-6'

Jetbead

A compact well furnished shrub studded in May and June with four-petal flowers that are as intensely white as the bead-like fruits are glittering jet black. These persist all winter.

2 to 3 ft.....	.40	3.50	30.00
3 to 4 ft.....	.50	4.50	

RHUS canadensis. 4'-5'

Fragrant Sumach

Clusters of yellow spiny flowers precede the glistening little grape-like bunches of coral-red globules that ripen in June. The aromatic foliage turns brilliant orange and scarlet in autumn. Vine-like habit is particularly useful for dry slopes.

1½ to 2 ft.....	.50	4.00	30.00
2 to 3 ft.....	.60	5.00	40.00
3 to 4 ft.....	.70	6.00	50.00
4 to 5 ft.....	.85	7.50	

cotinoides 20'

American Smoke Tree

Larger but less showy than the following except in autumn when the large round leaves turn brilliant scarlet and orange.

2 to 3 ft.....	.60	4.50	
3 to 4 ft.....	.75	6.00	

cotinus. 12'-15'

Smoke Tree

Until the filmy purplish cloud of fruit cluster becomes so noticeable in July we are apt to overlook the fine qualities of this handsome shrub. The clean flat round leaves are stained pink while young, then mature with yellow and purple tones in fall. As a specimen few shrubs can equal its bold rugged outline which is accentuated as the thick branches become gnarled with great age. These are fine bushy plants.

2 to 3 ft.....	.60	5.00	40.00
3 to 4 ft.....	.75	6.00	55.00
4 to 5 ft.....	1.10	9.00	75.00
5 to 6 ft.....	1.25	11.00	90.00
6 to 8 ft.....	1.50	13.50	120.00

SPECIMENS 7x5 ft. B. & B..... 5.00 to 10.00

Each Per 10 Per 100

ROBINIA hispida. 6'-8'**Rose Acacia**

Clusters of bright rose colored sweet pea-like flowers hang from the slender branches in May. By means of spreading underground stems a mass is quickly formed and this habit is utilized for holding slopes. Thrives on poor soil and drought.

2	to	3	ft.....	.75	6.00
3	to	4	ft.....	.90	7.50

ROSA rugosa 5'-6'**Red Rugosa Rose**

Handsome as a massed shrub with rich green glossy foliage and surprisingly large single crepe-like deep pink flowers that scent the air with fragrance. The large yellow and red hips are decorative, too. A useful shrub for seaside exposures.

1½	to	2	ft.....	.40	3.00	25.00
2	to	3	ft.....	.60	5.00	40.00

— alba. 4'-5'**White Rugosa Rose**

Exquisitely dainty white flowers are produced all summer.

1½	to	2	ft.....	.40	3.00	25.00
2	to	3	ft.....	.60	5.00	

— Max Graf. 4'-5'**Hybrid Rugosa Rose**

Excellent as a ground cover when the long growth forms a rich green blanket of rugosa-like leaves bejewelled in June with shiny pink flowers. Rambles happily on a slope.

2	to	3	ft.....	.60	5.00	40.00
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spinosissima altaica. 4'-5'**Altai Rose**

A vigorous upstanding shrub armed with thorns and airily clad with small fine foliage. The large single white flowers are deliciously fragrant.

3	to	4	ft	2.00	15.00
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wichuriana. Vine. 8'-10'**Memorial Rose**

Most useful as a ground cover on sunny slopes where the small glossy green leaves effectively hide the long stringy vines, which root where they touch the ground. Small single white flowers brighten the picture in July. Has red fruits.

2	yr.....	.40	3.00	25.00
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ROSES, Climbing or Ramblers

2	yr60	5.00	40.00
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Bess Lovett. Large double crimson red flowers sweetly fragrant.

Christine Wright. Beautiful wild rose pink double flowers on long stemmed sprays opening early and of lasting quality.

Dorothy Perkins. Brilliant shell pink flowers in drooping clusters. Reliable free grower. Keep surplus old wood cut out.

Dr. W. Van Fleet. Pale pink beautifully formed buds freely produced on long stems. Perfect foliage, most vigorous.

Excelsa. Has light red flowers in profusion. (Red Dor. Perkins)

Mary Lovett. Large fragrant waxy white flowers beautifully formed, borne singly and few flower clusters. Glossy foliage.

Mary Wallace. Vivid pink kind with large fragrant handsome flowers in small clusters and excellent foliage. Vigorous.

Paul's Scarlet Climber. Great clusters of blazing scarlet flowers are freely borne on stiff erect branches. Good foliage.

Silver Moon. Long creamy buds open to great snowy semi-double flowers. Perfect flowers and extraordinarily vigorous.

Tausendschon. Pink in various shades with cream and white blend delightfully in the ruffled petals of this vigorous rose.

Each Per 10 Per 100
SALIX babylonica. 30'-40' *Babylon Weeping Willow*

Long stringy branches droop vertically to the ground, and with the narrow light green leaves create a soft velvety texture. Grows rapidly especially when close to water.

4	to	6	ft.....	1.50	13.50	125.00
6	to	8	ft.....	2.00		

elegantissima. 50'-60' *Thurlo Weeping Willow*

Although not quite so pendulous the graceful wider spreading branches display the graceful curving green branchlets to splendid advantage. Even quicker growing and more vigorous than "Babylon" willow. Should be planted more freely.

6	to	8	ft.....	1.50	13.50	
8	to	10	ft.....	2.00	15.00	

SCIADOPITYS verticillata. 20'-25' *Umbrella Pine*

EVERGREEN. So called because the thick four inch leaves are arranged in whorls similar to the ribs of an umbrella. These dark green glossy needles handsomely clothe the branches which make a dense pyramidal head. Growing very slowly it can be safely used in low plantings. Drainage is essential for this unique beautiful conifer. Excellent spot plant.

3	to	4	ft.....	12.50		
4	to	5	ft.....	18.00		
5	to	6	ft.....	22.50		
6	to	7	ft.....	27.50		

SOPHORA japonica. 60'-70' *Chinese Scholar Tree*

Improves with age as the tortuous branches assume interesting shapes, and the crop of greenish yellow pea-shaped flowers increases. Really a fine tree that should be used for avenue or specimen purposes. Easily satisfied as to soil.

2	to	3	ft.....	1.25	10.00	90.00
3	to	4	ft.....	1.50	12.50	

viciifolia. 5'-6' *Vetch leaf Sophora*

Clusters of porcelain blue or pale violet pea blossoms appear in June to decorate this shrub. Thrives in dry sunny spot.

1½	to	2	ft.....	.60	5.00	
2	to	3	ft.....	.90	7.50	
3	to	4	ft.....	1.25		

SORBARIA arborea glabrata. 12'-15' *Tree Spirea*

All too rarely is this bold handsome August blooming shrub seen. The feathery bunches of flowers are often two feet long, gracefully held aloft or extended at ends of arching branches. Large compound leaves add to the tropical effect.

2	to	3	ft.....	.60		
3	to	4	ft.....	.75		

sorbifolia. 5'-6' *Ural False Spirea*

Quickly spreads by suckers to make a handsome clump well clothed with refined ash-like foliage, topped in August by creamy panicles of fuzzy flowers. Will grow almost anywhere.

1½	to	2	ft.....	.40	3.00	25.00
2	to	3	ft.....	.50	4.00	30.00

SORBUS aucuparia. 25'-30' Each Per 10 Per 100
European Mountain Ash

Ideal for the small lawn, the Rowan tree is extremely popular in Europe, where the great clusters of orange-red fruits figure in song and story, but here they serve the more practical purpose of food for robins. Good drainage is a necessity.

6	to	8	ft.....	1.25	11.00	90.00
8	to	9	ft.....	2.00	15.00	125.00
9	to	10	ft. 1 1/4 to 1 1/2 in.....	2.75	22.50	200.00
10	to	11	ft. 1 1/2 to 1 3/4 in.....	3.00	27.50	225.00
11	to	12	ft. 1 3/4 to 2 in.....	3.50	30.00	275.00
12	to	14	ft. 2 to 2 1/2 in.....	4.00	35.00	
12	to	14	ft. 2 1/2 to 3 in.....	5.25		

— pendula. 10'-12' *Weeping Mountain Ash*

Curiously curved inverted branches bear the same handsome compound foliage and red berries as the type.

5 yr. heads,	2	to 2 1/4 in.....	5.00	45.00	
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quercifolia. 25'-30' *Oakleaf Mountain Ash*

As the name indicates, the leaves bear a resemblance to a chestnut oak, but it does not seem to flower or fruit so freely.

6	to	8	ft.....	1.50	13.50	
8	to	10	ft.....	2.00	15.00	
10	to	12	ft.....	2.25	20.00	

SPIRAEA Anthony Waterer. 3' *Waterer Spirea*

Flat topped heads of rose pink flowers are produced all summer. Compact useful shrub for "facing" tall border shrubs.

1 1/2	to	2	ft.....	.50	4.00	30.00
2	to	3	ft.....	.60	5.00	40.00

arguta. 4'-5' *Garland Spirea*

Very small grass green foliage creates a fine textured mass which in May is delicately dotted with many white flowers.

2	to	3	ft.....	.50	4.00	
3	to	4	ft.....	.60		

thunbergi. 4'-5' *Thunberg Spirea*

Even finer than "arguta" this feathery light green shrub is a bank of snow in April when every twig bears its quota of white flowerlets. Striking orange and scarlet autumn coloring.

1 1/2	to	2	ft.....	.40	3.00	25.00
2	to	3	ft.....	.50	4.00	

trichocarpa. 5'-6' *Korean Spirea*

Quite similar but coarser than Van Houtte which flowers about three weeks before this neat broad spreading bush.

2	to	3	ft.....	.50	4.00	30.00
3	to	4	ft.....	.60	5.00	

triloba. 3'-4' *Three lobe Spirea*

Has unfortunately been eclipsed by the offspring "Van Houtte" to which it is similar but smaller in every part. Really very beautiful and useful as a low "facing shrub."

1	to	1 1/2	ft.....	.40	3.50	
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van houttei. 6'-8' *Van Houtte Spirea*

Generally "overdone" but nevertheless very beautiful in June, when the arching branches are transformed into snowy garlands which defy description. Fortunately no special soil or location is needed but space it must have and please don't prune formally or "bob" its growth. No pruning needed.

2	to	3	ft.....	.40	3.00	25.00
3	to	4	ft.....	.50	4.00	30.00
4	to	5	ft.....	.60		

			Each	Per 10	Per 100
STEPHANANDRA flexuosa. 5'-6'			<i>Cutleaf Stephanandra</i>		
Graceful arching branches well clothed with finely cut bright green leaves changing to reddish purple in autumn. Never grows "out of hand" so is very useful to face tall shrubs.					
1½	to	2 ft.....	.40	3.00	25.00
2	to	3 ft.....	.50	4.00	30.00
3	to	4 ft.....	.60	5.00	40.00
4	to	5 ft.....	.75	6.00	50.00

STRANVAESIA davidiana. 12'-15'

EVERGREEN. Handsome indeed where the loose bunches of orange scarlet berries shine out against the rich deep green broad leaves. Given a sheltered spot it will well repay one.

1½	to	2 ft.	B. & B.....	1.00
2	to	2½ ft.	B. & B.....	1.50

STYRAX japonica. 18'-20'*Japanese Snowbell*

To say merely "a beautiful tree" is almost a travesty on this comparatively unknown subject. In July the wide spreading branches are closely strung with nodding pure white bells, an exceedingly handsome picture. Specimens or lawn plants are more effective than in mass. Spring planting is best.

2	to	3 ft .....	.60	5.00	40.00
3	to	4 ft.....	.75	6.00	50.00
4	to	5 ft.....	.90	7.50	60.00
5	to	6 ft.....	1.25	11.00	90.00
6	to	8 ft.....	2.00	15.00	

obassia. 25'-30'*Fragrant Snowbell*

Strikingly large round handsome leaves partially hide the well shaped white flowers but the fragrance causes one to look up and see the loose bunches along the branches. Rarely seen but a splendid thing that will be appreciated when known.

5	to	6 ft.	B. & B.....	6.00
6	to	8 ft.	B. & B.....	7.50
8	to	10 ft. specimens,	B. & B	12.00

SYMPHORICARPOS chenaulti 3'-4' Chenault Coralberry

Quite an improvement on the Coralberry of which this is a hybrid. Always neat and well furnished in appearance particularly handsome when the slender branches are laden with the bunches of coral red fruits, which last until midwinter.

2	to	3 ft.....	.40	3.50
3	to	4 ft.....	.50	4.50

racemosus. 4'-5'*Snowberry*

Well loved for the large white berries which weigh down the willowy branches in September, widely used for inside decorations. Happiest in half shady spot but most adaptable.

1½	to	2 ft.....	.30	2.50	20.00
2	to	3 ft.....	.40	3.00	25.00
3	to	4 ft.....	.50	4.00	30.00
4	to	5 ft.....	.60	5.00	40.00

vulgaris. 4'-5'*Coralberry*

Like the Snowberry is not fastidious as to soil and location, in fact does well even in a dry shady place where the bunched coral berries remain bright until early Spring. Somewhat straggling but splendid for massing and naturalizing.

1½	to	2 ft .....	.30	2.50	20.00
2	to	3 ft.....	.40	3.00	25.00
3	to	4 ft.....	.50	4.00	30.00

SYMPLOCOS paniculata 20'-25' Each Per 10 Per 100
Turquoise Berry

Just imagine a well grown Hawthorn heavily laden with turquoise blue berries and you have an idea of what this rarity looks like in autumn, a magnificent sight. In spring white flowers are quite conspicuous and an intricate arrangement of branches show in winter. A grand thing, not common.

1 to 1½ ft..... .75

SYRINGA chinensis. 12'-15' *Chinese Lilac*

Slender graceful branches terminate in compact clusters of purple lilac flowers. This hybrid form is generally conceded as better than its parent "persica" for general uses and cutting.

2 to 3 ft..... .40 3.00 25.00
 3 to 4 ft..... .60 5.00 40.00

— **saugeana. 12'-15'** *Purple Chinese Lilac*

An even better variety with glowing purple-red flowers and far better foliage. Grows more vigorously too. Both are at their best in May and develop into handsome specimens.

2 to 3 ft..... .40 3.00 25.00
 3 to 4 ft..... .60 5.00 40.00
 4 to 5 ft..... .75 6.00 50.00
 5 to 6 ft..... .90 7.50

persica. 8'-10' *Persian Lilac*

Doubtless will always be popular for its fragrant pale lilac flowers which are loosely arranged on thin arching branches.

1½ to 2 ft..... .50 4.00
 2 to 3 ft..... .60 5.00

— **alba. 7'-8'** *White Persian Lilac*

The white flowers are faintly tinged blue before fully expanded.

1½ to 2 ft..... .50 4.00 30.00
 2 to 3 ft..... .60 5.00 40.00
 3 to 4 ft..... .75 6.00

vulgaris. 12'-15' *Common Purple Lilac*

A great old commoner, the mere mention of which never fails to recall the delicious fragrance of May by close association with man from early days, has become an institution. No matter where you place it the lovely flowers will smile at you every year, so don't fuss about a particular spot.

1½ to 2 ft..... .30 2.50 20.00
 2 to 3 ft..... .40 3.50 25.00
 3 to 4 ft..... .50 4.00 30.00

— **alba. 12'-15'** *Common White Lilac*

Is the white form more fragrant? Just try them side by side.

1½ to 2 ft..... .40 3.00 25.00
 2 to 3 ft..... .50 4.00 30.00
 3 to 4 ft..... .60 5.00 40.00
 4 to 5 ft..... .75 6.00

LILACS, French. 8'-15' *Hybrid Lilac*

1½ to 2 ft..... .50 4.00 30.00
 2 to 3 ft..... .60 5.50 45.00
 3 to 4 ft..... .90 7.50 60.00
 4 to 5 ft..... 1.50 12.50

Alphonse Laval. Medium sized, double flowers, bluish lilac.

Charles X. Single reddish violet flowers in long sprays.

Congo. Great panicles of dark purple, single flowers.

Jan van Tol. Pure white, single flowers in long slender trusses.

LILACS, French, continued Each Per 10 Per 100

Jean Mace. Large double flowers of pinkish blue, in irregular compact panicles. One of the finest of the newer varieties.

Katherine Havemeyer. Gorgeous big clusters of double flowers almost pure blue-violet. Never have enough of this.

Ludwig Spaeth. Large, narrow clusters of dull purple flowers.

Marie Le Graye. Single white medium sized narrow clusters.

Michael Buchner. Double, pinkish flowers in slender clusters.

Mme. Lemoine. Snow white double. Good reliable old kind.

Paul Thirion. Large, double, slaty purple flowers in enormous panicles. That excites admiration in any flower lover.

President Grevy. Soft blue-violet double flowers in large pyramidal clusters. Old but ever true and hard to beat.

President Poincare. Huge clusters of rich, double, pinkish lilac flowers. Is generally rated in the first twelve.

Wm. Robinson. Large double mauve pink flowers in loose irregular panicles that are freely produced—an attractive shade.

TAXODIUM distichum. 70'-80' *Bald Cypress*

Peculiarly soft fern-like foliage airily covers the tall narrow pyramid, supported by a straight broad based trunk tapering to a spear like leader. In its swampy home no care is necessary but some shelter will help in establishing this unique deciduous conifer here. Has some resemblance to the Larch.

3	to	4	ft.	B. & B.....	3.00	27.50	225.00
4	to	6	ft.	B. & B.....	4.00	35.00	
6	to	8	ft.	B. & B.....	5.00	45.00	

TAXUS baccata compacta. 10'-12' *Compact English Yew*

ALL EVERGREEN. Shaped like an enormous black-green egg standing on broad end, filled with stiff ascending branches.

1	to	1½	ft.	B. & B.....	1.50	13.50	
1½	to	2	ft.	B. & B.....	2.00	15.00	
2	to	2½	ft.	B. & B.....	2.75	22.50	
2½	to	3	ft.	B. & B.....	4.00	35.00	
3	to	4	ft.	B. & B.....	5.75	52.50	
4	to	5	ft.	B. & B.....	9.00		

— erecta. 8'-10' *Broom Yew*

Upright branches form a broad open column with an irregular jagged broom like top perfectly covered by small green leaves.

1	to	1½	ft.	B. & B.....	1.50	13.50	
1½	to	2	ft.	B. & B.....	2.00	15.00	
2	to	2½	ft.	B. & B.....	2.75	22.50	
2½	to	3	ft.	B. & B.....	4.00	35.00	
3	to	4	ft.	B. & B.....	5.75	52.50	

— repandens. 2'-3' *Spreading English Yew*

Winter coloring is particularly rich when the long curved leaves constitute the darkest green spot in the landscape. Spreading horizontal branches form a most useful bush for low plantings or large rock work; makes handsome edging.

9	to	12	in.	B. & B.....	.75	6.00	50.00
12	to	15	in.	B. & B.....	1.00	8.00	60.00
15	to	18	in.	B. & B.....	1.25	11.00	90.00
1½	to	2	ft.	B. & B.....	1.50	13.50	125.00
2	to	2½	ft.	B. & B.....	2.75	22.50	200.00
2½	to	3	ft.	B. & B.....	4.00		

— washingtoni. 6'-8' *Golden Yew*

Rather a surprising color among the somber Yews, but a handsome variation, brightest in summer. A broad bush.

15	to	18	in.	B. & B.....	1.50	12.50	100.00
1½	to	2	ft.	B. & B.....	2.00	15.00	125.00
2	to	2½	ft.	B. & B.....	3.00	27.50	225.00

TAXUS. ALL EVERGREEN. Each Per 10 Per 100
canadensis. 3'-4' *Canada Yew*

Under the dense shade of Fines and Hemlocks on a moist cool slope this "ground Hemlock" is the ideal ground cover.

Altho extremely hardy must not be exposed to winter sun.

1	to	1½ ft.	B. & B.....	1.25	9.00	75.00
1½	to	2 ft.	B. & B.....	2.00	15.00	
2	to	2½ ft.	B. & B.....	3.00	27.50	
2½	to	3 ft.	B. & B.....	4.50		
3	to	3½ ft.	B. & B.....	6.75		

cuspidata. 12'-15' *Japanese Yew*

Vigorous, hardy, most dependable and practically naturalized gives promise of becoming as venerable here as the English Yew in its homeland. Unless pruned occasionally will attain tremendous spread with an open center. Splendid dark green leaves are often bejeweled with brilliant crimson fruits in autumn, a "christmas" effect. No better evergreen hedge plant.

1 yr.	2¼ in.	pots.....		.25	2.00	15.00
9	to	12 in.	B. & B.....	.75	6.00	50.00
12	to	15 in.	B. & B.....	1.00	8.00	60.00
15	to	18 in.	B. & B.....	1.25	11.00	90.00
1½	to	2 ft.	B. & B.....	1.50	13.50	125.00
2	to	2½ ft.	B. & B.....	2.75	22.50	200.00
2½	to	3 ft.	B. & B.....	4.00	35.00	300.00
3	to	3½ ft.	B. & B.....	6.75	60.00	525.00
3½	to	4 ft.	B. & B.....	10.00	90.00	

— **Anderson form. 12'-15'** *Anderson Yew*

Grows even more freely but needs the knife. A fine hedge.

15	to	18 in.	B. & B.....	1.50	12.50	
1½	to	2 ft.	B. & B.....	2.00	15.00	
2	to	2½ ft.	B. & B.....	3.00	27.50	225.00
2½	to	3 ft.	B. & B.....	4.50	42.50	400.00

— **capitata. 20'-25'** *Tree Form Japan Yew*

This is really the typical Japanese Yew from which the spreading bush form has sprung. Handsome indeed are the broad well filled pyramids so effectively used in formal gardens or a lawn specimen, and even as tub plants. Perfectly adapted for the taller hedge. Very striking with young growth in Spring.

15	to	18 in.	B. & B.....	2.00	15.00	125.00
1½	to	2 ft.	B. & B.....	2.25	20.00	175.00
2	to	2½ ft.	B. & B.....	3.00	27.50	225.00
2½	to	3 ft.	B. & B.....	4.25	40.00	350.00
3	to	4 ft.	B. & B.....	6.00	57.50	525.00
4	to	5 ft.	B. & B.....	10.00		

— **nana (brevifolia). 5'-6'** *Dwarf Japanese Yew*

Conservative and careful, it takes time for this member to assume proportions becoming the dignity of such an aristocrat.

Irregularly spreading in growth it will merge with rock garden planting or is excellent for permanent low effects. Intense blackish green leaves are enhanced by the coldest winter.

1 yr.	2¼ in.	pots.....		.25	2.00	18.00
6	to	9 in.	B. & B.....	.75	6.00	50.00
9	to	12 in.	B. & B.....	1.00	8.00	60.00
12	to	15 in.	B. & B.....	1.50	12.50	100.00
15	to	18 in.	B. & B.....	2.25	20.00	150.00
1½	to	2 ft.	B. & B.....	3.50	30.00	250.00
2	to	2½ ft.	B. & B.....	5.25	45.00	400.00
2½	to	3 ft.	B. & B.....	9.00	80.00	

— **nigra. 6'-8'** *Black Japanese Yew*

Low compact little bushes are slowly formed by many ascending branches clothed with the blackest green leaves imaginable.

12	to	15 in.	B. & B.....	2.50	20.00	175.00
15	to	18 in.	B. & B.....	3.00	27.00	
1½	to	2 ft.	B. & B.....	4.00		

TAXUS. ALL EVERGREEN. Each Per 10 Per 100

media. 12'-15' Hybrid Yew

Quite similar but more vigorous and bushy than "nara."
Doubtless one of the handsomest evergreen shrubs for supplying the deep green note. Will form a characterful hedge.

1 yr. 2¼ in. pots.....	.25	2.00	18.00
9 to 12 in. B. & B.....	1.00	8.00	60.00
12 to 15 in. B. & B.....	1.50	12.50	100.00
15 to 18 in. B. & B.....	2.25	20.00	150.00
1½ to 2 ft. B. & B.....	3.50	30.00	250.00
2 to 2½ ft. B. & B.....	5.00	45.00	400.00
2½ to 3 ft. B. & B.....	6.75	60.00	525.00

— **hatfieldi. 12'-15' Hatfield Yew**

Forms a compact perfectly furnished cone shaped bush that offers many possibilities especially in the small neat garden.

1 yr. 2¼ in. pots.....	.50	4.50	40.00
12 to 15 in. B. & B.....	2.75	22.50	200.00
15 to 18 in. B. & B.....	4.00	35.00	300.00
1½ to 2 ft. B. & B.....	4.50	42.50	
2 to 2½ ft. B. & B.....	6.00	52.50	

— **hicksi. 10'-12' Hicks Yew**

The logical substitute for the columnar Irish Yew in cold climates. Upright branches are covered all around with typical dark green leaves. Planted closely you have ready made hedge.

1 yr. 2¼ in. pots.....	.35	3.00	25.00
1 to 1½ ft. B. & B.....	1.50	13.50	120.00
1½ to 2 ft. B. & B.....	2.25		

— **wellesyana. 8'-10' Wellesley Yew**

Another child of Hatfield's that promises to be outstanding as a real hardy substitute for Irish Yew. The closely packed branches all grow upward to make, in youth at least, a well shaped fat column well furnished with thick rich green leaves.

12 to 15 in. B. & B.....	2.75	25.00	
15 to 18 in. B. & B.....	3.75		

sieboldi. 12'-15' Siebold Yew

A vigorous bushy "cuspidata" that develops real character in a few years. Quickly forms a strong well filled hedge.

1 yr. 2¼ in. pots.....	.25	2.00	18.00
1½ to 2 ft. B. & B.....	1.50	13.50	125.00
2 to 2½ ft. B. & B.....	2.75	22.50	200.00
2½ to 3 ft. B. & B.....	4.00	35.00	300.00
3 to 3½ ft. B. & B.....	6.75	60.00	525.00
3½ to 4 ft. B. & B.....	12.00	100.00	

TEUCRIUM chamaedrys. 12"-15" Germander

EVERGREEN. Interesting rock garden shrub with glossy deep green leaves and rose-purple flowers in loose spikes.

3 in. pots.....	.35	3.00	25.00
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THUYA occidentalis. 30'-35' American Arborvitae

Certainly a most prolific species giving rise to many handsome widely differing forms. Too often is this "Tree of Life" prejudged in its infancy, for surely does it assume its natural place among the patriarchs of the tree world. Generally useful for hedging or formal work, its well clothed pyramidal outline can be sheared severely without hurt. Brown inside foliage can be vigorously shaken out in early spring. Most Arborvitae prefer a moist place where they see the sun all day.

2 to 3 ft. B. & B.....	1.00	8.00	60.00
3 to 4 ft. B. & B.....	1.50	12.50	100.00
4 to 5 ft. B. & B.....	2.75	22.50	200.00
5 to 6 ft. B. & B.....	4.00	35.00	300.00
6 to 8 ft. B. & B.....	5.25	50.00	450.00
8 to 10 ft. B. & B.....	7.50	67.50	

THUYA. ALL EVERGREEN. Each Per 10 Per 100

occidentalis compacta. 4'-5' Parson's Arborvitae.

Naturally almost globe shape. Light green foliage. Wears well.

1	to	1½ ft.	B. & B.....	1.00	8.00	
1½	to	2 ft.	B. & B.....	1.25	10.00	
2	to	2½ ft.	B. & B.....	1.50	13.50	125.00
2½	to	3 ft.	B. & B.....	2.00	15.00	

— douglasi aurea. 15'-20' Douglas Golden Arborvitae

Bronzy yellow foliage clothes the well shaped pyramid. Very hardy and quick growing.

2	to	2½ ft.	B. & B.....	1.25	10.00	75.00
2½	to	3 ft.	B. & B.....	1.50	12.50	100.00
3	to	4 ft.	B. & B.....	2.00	15.00	125.00
4	to	5 ft.	B. & B.....	2.75	22.50	200.00
5	to	6 ft.	B. & B.....	4.00	35.00	300.00
6	to	8 ft.	B. & B.....	5.25	50.00	

— — pyramidalis (plicata). 20'-25' Douglas Arborvitae

Easily identified by the curiously twisted fern like branchlets covered with typical shiny green scale like leaves. A narrow pyramid with short lateral branches. Often called T. spiralis.

1½	to	2 ft.	B. & B.....	1.00	8.00	60.00
2	to	2½ ft.	B. & B.....	1.25	10.00	75.00
2½	to	3 ft.	B. & B.....	1.50	12.50	100.00
3	to	4 ft.	B. & B.....	2.00	15.00	125.00
4	to	5 ft.	B. & B.....	2.75	22.50	200.00

— elegantissima. 15'-20' Golden Tipped Arborvitae

Fleshy lustrous green leaf-branches are in spring conspicuously tipped with gold but retain their vivid green throughout the winter. A well formed broad based pyramid. This is one of the finest of the lot.

1½	to	2 ft.	B. & B.....	1.00	8.00	60.00
2	to	2½ ft.	B. & B.....	1.25	10.00	75.00
2½	to	3 ft.	B. & B.....	1.50	12.50	100.00
3	to	4 ft.	B. & B.....	2.00	15.00	125.00
4	to	5 ft.	B. & B.....	2.75	22.50	200.00
5	to	6 ft.	B. & B.....	4.00	35.00	300.00
6	to	8 ft.	B. & B.....	5.25	50.00	450.00

— globosa. 3'-4' Globe Arborvitae

A little ball of light dusty green just made for formal designs.

12	to	15 in.	B. & B.....	.75	6.00	50.00
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— hoveyi. 3'-4' Hovey Arborvitae

Broadly oval in outline, bright green foliage, fresh in spring.

1½	to	2 ft.	B. & B.....	1.50	12.50	
2	to	2½ ft.	B. & B.....	1.75	15.00	
2½	to	3 ft.	B. & B.....	2.25	20.00	

— Little Gem. 2'-3' Little Gem Arborvitae

Apparently has been overlooked for whenever seen this appropriately named little fellow rarely fails to excite admiration and desire to possess. Hugging the ground all through life it slowly spreads and expands in billowy humps creating an age old effect. For edging, a low informal hedge, rock garden or any low planting decidedly fitting and permanent.

6	to	9 in.	B. & B.....	.75	6.00	50.00
9	to	12 in.	B. & B.....	1.25	10.00	85.00
12	to	15 in.	B. & B.....	1.50	12.50	100.00
15	to	18 in.	B. & B.....	2.00	17.50	150.00

THUYA. ALL EVERGREEN. Each Per 10 Per 100
occidentalis lutea. 12'-15' *Geo. Peabody Arborvitae*

Conspicuous at all times with bright yellow foliage throughout the well shaped pointed column. Helped by trimming.

1½ to 2 ft.	B. & B.....	1.00	8.00	60.00
2 to 2½ ft.	B. & B.....	1.25	10.00	75.00
2½ to 3 ft.	B. & B.....	1.50	12.50	100.00
3 to 4 ft.	B. & B.....	2.00	15.00	125.00
4 to 5 ft.	B. & B.....	2.75	22.50	200.00
5 to 6 ft.	B. & B.....	4.00	35.00	300.00
6 to 8 ft.	B. & B.....	5.25	50.00	450.00

— **pumila. 3'-4'** *Dwarf Arborvitae*

In juvenile stage practically a globe but eventually become a notably round topped bush withstanding very severe climate.

1 to 1½ ft.	B. & B.....	.75	6.00	50.00
1½ to 2 ft.	B. & B.....	1.25	10.00	75.00

— **pyramidalis. 25'-30'** *Pyramidal Arborvitae*

Is a narrow column clothed with lively green foliage that retains its color throughout winter. Useful alike in formal or informal planting for the spire like shafts or as a hedge.

1½ to 2 ft.	B. & B.....	1.00	8.00	60.00
2 to 2½ ft.	B. & B.....	1.25	10.00	75.00
2½ to 3 ft.	B. & B.....	1.50	12.50	100.00
3 to 4 ft.	B. & B.....	2.00	15.00	125.00
4 to 5 ft.	B. & B.....	2.75	22.50	200.00
5 to 6 ft.	B. & B.....	4.00	35.00	300.00
6 to 7 ft.	B. & B.....	5.25	50.00	450.00
8 to 10 ft.	B. & B.....	7.50	67.50	600.00

— **riversi. 10'-12'** *Rivers Arborvitae*

With a broad base this well defined pyramid is always well furnished with pleasing soft green foliage quite bright in spring.

2 to 3 ft.	B. & B.....	1.25	10.00
3 to 4 ft.	B. & B.....	2.00	17.50
4 to 5 ft.	B. & B.....	3.00	

— **rosenthali. 8'-10'** *Rosenthal Arborvitae*

Decidedly worthy of wider use, as it grows slowly and its knobby rugged appearance improves with age, maturing as a "weathered" column of dark green, good even in winter.

15 to 18 in.	B. & B.....	1.00	8.00	60.00
1½ to 2 ft.	B. & B.....	1.25	10.00	75.00
2 to 2½ ft.	B. & B.....	1.50	12.50	100.00
2½ to 3 ft.	B. & B.....	2.00	17.50	150.00
3 to 4 ft.	B. & B.....	2.75	22.50	200.00
4 to 5 ft.	B. & B.....	3.50		

— **umbraculifera. 3'-4'** *Umbrella Arborvitae*

Low spreading branches soon form a luscious looking rich green mushroom shaped bush. A worthwhile low form.

1½ to 2 ft.	B. & B.....	1.50	12.50	100.00
2 to 2½ ft.	B. & B.....	1.75	15.00	125.00
2½ to 3 ft.	B. & B.....	2.00	17.50	

— **vervaeneana. 10'-12'** *Vervaeen Arborvitae*

Another broad pyramid of exceptional vigor and hardiness. The foliage varies from green to yellow and bronze in winter.

2 to 2½ ft.	B. & B.....	1.25	10.00	75.00
2½ to 3 ft.	B. & B.....	1.50	12.50	100.00
3 to 4 ft.	B. & B.....	2.00	15.00	125.00
4 to 5 ft.	B. & B.....	2.75	22.50	200.00
5 to 6 ft.	B. & B.....	4.00	35.00	300.00
6 to 8 ft.	B. & B.....	5.25	50.00	450.00

THUYA. ALL EVERGREEN. Each Per 10 Per 100
occidentalis wareana. 12'-15'. *Siberian Arborvitae*

Exceedingly hardy this dense growing form makes a splendid hedge altho as a spot plant its rugged broad pyramid is worthy of consideration. Is long lived and improves with age.

15	to	18 in.	B. & B.....	1.00	7.50	50.00
1½	to	2 ft.	B. & B.....	1.25	10.00	75.00
2	to	2½ ft.	B. & B.....	1.50	12.50	100.00
2½	to	3 ft.	B. & B.....	2.00	17.50	150.00
3	to	4 ft.	B. & B.....	2.75	22.50	200.00
4	to	5 ft.	B. & B.....	3.50	30.00	

— **woodwardi. 3'** *Woodward Arborvitae*

Difficult to detect any difference between this and "globosa".

12	to	15 in.	B. & B.....	.75	6.00	50.00
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orientalis (BIOTA) 25'-30' *Oriental Arborvitae*

Flat fan like branches pressed together "on end" form at first an oval shape column brilliantly clothed in emerald green foliage. Eventually develops into a bushy pyramidal tree.

1½	to	2 ft.	B. & B.....	.75	6.00	45.00
2	to	3 ft.	B. & B.....	1.00	7.50	60.00
3	to	4 ft.	B. & B.....	1.50	12.50	100.00
4	to	5 ft.	B. & B.....	2.75	22.50	

— **aurea conspicua (BIOTA) 10'-12'** *Goldspire Arborvitae*

Gayly dressed in bright yellow foliage that deepens to glowing old gold and warm brown in winter. Broad colorful column.

1½	to	2 ft.	B. & B.....	1.50	12.50	100.00
2	to	2½ ft.	B. & B.....	2.00	17.50	150.00
2½	to	3 ft.	B. & B.....	3.00	27.50	225.00
3	to	4 ft.	B. & B.....	4.00	35.00	300.00
4	to	5 ft.	B. & B.....	5.25	45.00	
5	to	6 ft.	B. & B.....	6.75		

— — **nana (BIOTA) 4'-5'** *Berckman Golden Arborvitae*

From the "bed plant" to old age the same compact neat egg-shape mass is retained, changing from the brilliant yellow high lights of spring to warm reddish brown tones, tipped with gold in winter. A favorite for window boxes, edgings.

9	to	12 in.	B. & B.....	.75	6.00	50.00
12	to	15 in.	B. & B.....	1.00	8.00	70.00
15	to	18 in.	B. & B.....	1.50	12.50	100.00
18	to	21 in.	B. & B.....	2.00	17.50	150.00
21	to	24 in.	B. & B.....	3.00		

— **bakeri (BIOTA) 5'-6'** *Baker Arborvitae*

From a low oval bush will lengthen out to a broad column of soft green. Succeeds in a hot dry place and it's hardy.

1	to	1½ ft.	B. & B.....	.75	6.00	50.00
1½	to	2 ft.	B. & B.....	1.25	10.00	75.00
2	to	2½ ft.	B. & B.....	1.00	12.50	100.00
2½	to	3 ft.	B. & B.....	2.00	17.50	150.00

— **compacta (BIOTA) 4'-5'** *Siebold Arborvitae*

Except for its vivid constant green foliage is similar to "Berckman." A most useful member when color isn't wanted.

15	to	18 in.	B. & B.....	1.25	10.00	75.00
1½	to	2 ft.	B. & B.....	1.50	12.50	100.00
2	to	2½ ft.	B. & B.....	2.25	20.00	150.00
2½	to	3 ft.	B. & B.....	2.75	22.50	200.00
3	to	3½ ft.	B. & B.....	3.50	30.00	275.00

THUYA. ALL EVERGREEN. Each Per 10 Per 100**or. elegantissima (BIOTA) 10'-12' Yellow Column Arborvitae**

In outline a broad swelling column, quite compact and well furnished. Few if any conifers can compare favorably to this handsome bush for warm rich coloring throughout the year. Spring covers the surface with sparkling yellow tips ripened by the summer sun to golden brown, and winter even sub-zero temperature, brings out the rich reddish bronze coat flecked with yellow brilliants, with vivid green inside.

1½ to 2	ft.	B. & B.....	1.25	10.00	75.00
2 to 2½	ft.	B. & B.....	1.50	12.50	100.00
2½ to 3	ft.	B. & B.....	2.25	20.00	150.00
3 to 4	ft.	B. & B.....	2.75	22.50	200.00
4 to 5	ft.	B. & B.....	4.00	35.00	300.00
5 to 6	ft.	B. & B.....	6.75	60.00	

plicata atrovirens (lobbi) 35'-40' Giant Arborvitae

Lustrous green fleshy leaves clothe the branchlets assuming warm bronze tones in winter. Given a sunny reasonably moist spot will quickly develop into a splendid dignified irregular tree. Quite unlike any other arborvitae, handsome.

2 to 3	ft.	B. & B.....	1.25	10.00	90.00
3 to 4	ft.	B. & B.....	2.00	17.50	150.00
4 to 5	ft.	B. & B.....	3.00	27.50	225.00
5 to 6	ft.	B. & B.....	4.25	40.00	350.00
6 to 8	ft.	B. & B.....	5.75	50.00	450.00
8 to 10	ft.	B. & B.....	7.50	65.00	600.00

standishi. 12'-15' Standish Arborvitae

Rather sorrowful but provides a welcome "break" with its open branches irregular pyramidal habit and coarse growth. The south side tones down to a warm bronze in winter.

2 to 3	ft.	B. & B.....	2.00	17.50	150.00
3 to 4	ft.	B. & B.....	2.75	22.50	200.00
4 to 5	ft.	B. & B.....	4.00	35.00	300.00
5 to 6	ft.	B. & B.....	5.25	50.00	450.00

TILIA americana. 80'-90' American Linden

In a fairly moist location this native Basswood will, once started, quickly develop into a large limbed round topped tree, handsome in its dress of great heart shaped leaves, conspicuous in June when the fragrant flowers attract bees.

9 to 10	ft., 1¼ to 1½ in.....	3.00	27.50
10 to 11	ft., 1½ to 1¾ in.....	4.00	35.00
11 to 12	ft., 1¾ to 2 in.....	4.50	42.50
12 to 14	ft., 2 to 2½ in.....	6.00	52.50

platyphyllos (grandiflora) 80'-100' Bigleaf European Linden

Maybe not as popular as the small leaved brother but a robust handsome fellow that has made famous the stately avenues of Europe. Both types are often formally clipped.

9 to 10	ft., 1¼ to 1½ in.....	4.50	40.00
10 to 11	ft., 1½ to 1¾ in.....	5.50	50.00
11 to 12	ft., 1¾ to 2 in.....	6.50	60.00
12 to 14	ft., 2 to 2½ in.....	8.50	75.00

— pyramidalis. 40'-50' Pyramidal Linden

For narrow avenues or even an accent tree this would be a good choice as the clean branches all grow upward scarce.

6 to 8	ft.....	3.00
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TILIA.

Each Per 10 Per 100

vulgaris. 70'-80'**European Linden**

Generally conceded the best form for street planting as the dark green leaves remain good until late autumn. The compact low branched head is particularly fitted to lawn purposes where the branches make a natural canopy, fragrant in June.

8	to	9 ft.....	3.50	30.00	275.00
9	to	10 ft., 1 1/4 to 1 1/2 in.....	4.25	40.00	350.00
10	to	11 ft., 1 1/2 to 1 3/4 in.....	5.00	45.00	425.00
11	to	12 ft., 1 3/4 to 2 in.....	6.50	57.50	525.00
12	to	14 ft., 2 to 2 1/2 in.....	8.50	75.00	675.00
12	to	14 ft., 2 1/2 to 3 in.....	12.00		

TSUGA canadensis. 70'-80'**Canada Hemlock**

EVERGREEN. Grace, dignity and beauty have conspired successfully to make this American a living example of magnificent stateliness. With plenty of space the tree claims right to its noble forest stature, but is willing to be clipped into hedges—splendid walls of close textured green. Half shade or a north slope is preferred but sun is alright too.

1 1/2	to	2 ft.	B. & B.....	1.25	10.00	75.00
2	to	2 1/2 ft.	B. & B.....	1.50	12.50	100.00
2 1/2	to	3 ft.	B. & B.....	2.00	17.50	150.00
3	to	4 ft.	B. & B.....	3.50	30.00	250.00
4	to	5 ft.	B. & B.....	5.00	47.50	425.00
5	to	6 ft.	B. & B.....	8.00	70.00	650.00
6	to	7 ft.	B. & B.....	11.00	100.00	900.00
7	to	8 ft.	B. & B.....	13.50		
8	to	10 ft.	B. & B.....	16.50		

— pendula. 6'-8'**Sargent Weeping Hemlock**

EVERGREEN. Makes a tremendous mound of wavy outline many times broader than high, always well clothed and neat. Like all good things it develops slowly but becomes a real possession in your "personal effects." Magnificent.

15	to	18 in.	B. & B.....	3.00	27.50	225.00
1 1/2	to	2 ft.	B. & B.....	4.50	40.00	375.00
2	to	2 1/2 ft.	B. & B.....	6.50	60.00	
4	ft. x	3 ft.	B. & B.....	20.00		

caroliniana. 40'-50'**Carolina Hemlock**

EVERGREEN. Compared with the "Canada" Hemlock, this southerner has longer yew-like foliage, irregularly disposed on the twigs, and the spreading half drooping branches are so arranged as to create splendid shadow patterns. Absolutely hardy, in fact the foliage seems proof against sun scalding.

1 1/2	to	2 ft.	B. & B.....	2.00	15.00	125.00
2	to	2 1/2 ft.	B. & B.....	2.75	22.50	200.00
2 1/2	to	3 ft.	B. & B.....	4.00	35.00	300.00
3	to	4 ft.	B. & B.....	5.50	50.00	450.00
4	to	5 ft.	B. & B.....	8.00	75.00	650.00
5	to	6 ft.	B. & B.....	11.50	100.00	900.00
6	to	7 ft.	B. & B.....	15.00	135.00	
7	to	8 ft.	B. & B.....	18.00	165.00	
8	to	10 ft.	B. & B.....	21.00		

ULMUS americana. 100'**American Elm**

Almost wherever you go the lofty arching branches silently pronounce a benediction on the traveller. No tree it would seem can be more majestic than our dear old American Elm, a tower of strength, grace and beauty. Plant an Elm.

8	to	10 ft., 1 1/4 to 1 1/2 in.....	1.50	12.50	100.00
10	to	12 ft., 1 1/2 to 1 3/4 in.....	2.00	15.00	125.00
10	to	12 ft., 1 3/4 to 2 in.....	2.75	22.50	200.00
12	to	14 ft., 2 to 2 1/2 in.....	4.00	35.00	300.00
12	to	14 ft., 2 1/2 to 3 in.....	5.25	45.00	400.00
14	to	16 ft., 3 to 3 1/2 in.....	7.50	67.50	

ULMUS

Each Per 10 Per 100

americana molini. 80'-100'
Moline Elm

Unexpected in the Elm family, nevertheless a most useful and handsome member is this vigorous youngster of broad conical outline clad in splendid large leaves. Ideal for narrow streets.

6	to	8 ft.	.....	1.50	12.50	100.00
8	to	10 ft.	.....	2.00	15.00	125.00
8	to	10 ft., 1¼ to 1½ in.	.....	2.25	20.00	150.00
10	to	12 ft., 1½ to 1¾ in.	.....	2.75	22.50	200.00
10	to	12 ft., 1¾ to 2 in.	.....	4.00	35.00	300.00
12	to	14 ft., 2 to 2½ in.	.....	5.25	45.00	

— Vase shaped. 80'-100'
Vase Elm

Selected to emphasize the graceful lines of the vase shape top, and it has handsome foliage to boot. Where uniform shape is desired these budded trees must be used—not seedlings.

6	to	8 ft.	.....	1.50	12.50	100.00
8	to	10 ft.	.....	2.00	15.00	125.00
8	to	10 ft., 1¼ to 1½ in.	.....	2.25	20.00	150.00
10	to	12 ft., 1½ to 1¾ in.	.....	2.75	22.50	200.00
10	to	12 ft., 1¾ to 2 in.	.....	4.50	35.00	300.00
12	to	14 ft., 2 to 2½ in.	.....	5.25	45.00	400.00

campestris. 80'-100'
English Elm

The handsome leaves remain green long after the native Elm is bare. Straight clean stems and a strong oak-like structure of branches makes this a splendid practical street tree.

8	to	10 ft., 1¼ to 1½ in.	.....	3.75	35.00	
10	to	12 ft., 1½ to 1¾ in.	.....	4.50	40.00	

glabra (montana.) 70'-80'
Scotch Elm

Has a clean smooth bark and a wide irregular head somewhat like a glorified Carolina Poplar, without disadvantages.

12	to	14 ft., 2 to 3 in.	6.00		
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VACCINEUM corymbosum. 6'-8'
Highbush Blueberry

Apart from the delicious "huckleberries", here is a beautiful shrub of many uses. In sour swampy places brilliant coloring of the foliage is an annual pageant and even the clusters of waxy white bell flowers are remarkable, good winter color.

2	to	3 ft.	B. & B.	1.75	15.00	
3	to	4 ft.	B. & B.	2.25	20.00	

VIBURNUM acerifolium. 5'-6'
Maple Leaved Viburnum

Altho not striking, the heads of white May flowers result in bunches of glittering black berries that in autumn stand out against the gorgeous pink to purple foliage. Naturally a shade lover and even dense in woods, great masses abound.

1½	to	2 ft.	.....	.50	4.00	30.00
2	to	3 ft.	.....	.60	5.00	40.00

americanum. 10'-12'
American Cranberry Bush

Bright scarlet berries persist nearly all winter, handsome shrub.

1½	to	2 ft.	.....	.40	3.00	25.00
2	to	3 ft.	.....	.50	4.00	30.00
3	to	4 ft.	.....	.60	5.00	40.00
4	to	5 ft.	.....	.75	6.00	50.00

carlesi. 4'-5'
Fragrant Viburnum

Waxy pink, deliciously fragrant flowers appear in little round clusters as the leaves are unfolding. Not easily grown it is well worth a select well drained sunny spot where you can keep it moist in the summer. Has greater spread than height.

1	to	1½ ft.	B. & B. ....	.90	7.50	60.00
1½	to	2 ft.	B. & B.	1.50	12.50	100.00
2	to	2½ ft.	B. & B.	2.00		

VIBURNUM

Each Per 10 Per 100

cassinoides. 6'-8'**Witherod**

Color starts in June with the large clusters of white flowers, preceding green berries which in turn change to pink and finally blue black. Leathery leaves adds their touch of crimson and purple in autumn. Compact habit, prefers moist spot.

1½ to 2	ft.....	.50	4.00	30.00
2 to 3	ft.....	.60	5.50	45.00
3 to 4	ft.....	.80	7.00	60.00
4 to 5	ft.....	1.00	8.00	70.00

dentatum. 10'-12'**Arrow Wood**

Has creamy white flowers in May and black berries later. Purple and red shades are typical for autumn dress, seen to best advantage when massed in half shady moist spot.

2 to 3	ft.....	.50	4.00	30.00
3 to 4	ft.....	.60	5.00	40.00
4 to 5	ft.....	.75	6.00	

dilatatum. 8'-10'**Linden Viburnum**

Here again time is needed to bring out the real fine character of this shrub. Handsome rough foliage, six inch clusters of creamy flowers and glittering scarlet berries all winter are a few of its assets. Practically no pruning is necessary.

1½ to 2	ft.....	.75	6.00	50.00
2 to 3	ft.....	.80	7.00	60.00
3 to 4	ft.....	1.00	8.50	

lantana. 12'-15'**Wayfaring Tree**

Becomes most attractive when the handsome foliage turns red and the fruits change from crimson to black in autumn. Apparently at home in a lime soil. Useful for bold accents.

1½ to 2	ft.....	.40	3.00	25.00
2 to 3	ft.....	.50	4.00	30.00
3 to 4	ft.....	.60	5.50	45.00
4 to 5	ft.....	.75	6.00	55.00
5 to 6	ft.....	1.00	7.50	

lentago. 20'-25'**Nannyberry**

Almost a tree eventually, having clean looking foliage that becomes rich purple and crimson in Fall. Black berries are decorative all winter too. Extremely hardy, prefers moist place.

2 to 3	ft.....	.50	4.00	30.00
3 to 4	ft.....	.60	5.00	40.00
4 to 5	ft.....	.75	6.00	50.00
5 to 6	ft.....	1.00	8.00	70.00
6 to 8	ft.....	1.25	10.00	

opulus. 10'-12'**European Cranberry**

Runner-up to the American variety to which it is similar.

2 to 3	ft.....	.50	4.00	30.00
3 to 4	ft.....	.60	5.00	40.00
4 to 5	ft.....	.75	6.00	50.00

— nanum. 1'-2'**Dwarf Cranberry**

Forms a dense globular affair packed with shoots and foliage but rarely blooms, a stunning plant for edging or hedging.

6 to 9	in.....	.40	3.50	30.00
9 to 12	in.....	.50	4.50	40.00
12 to 15	in.....	.60	5.50	50.00
15 to 18	in.....	.70	6.50	

Each Per 10 Per 100

VIBURNUM prunifolium. 12'-15'*Black Haw*

A sturdy clean cut, shrub with few stiff upright stems and a maze of horizontal branches. Attractive pure white May flowers give place to large bunches of pink fruits turning to black. Decidedly best in masses when the intricate branches form one vast clump beautifully softened with smallish leaves, purple in fall. Effective when combined with cedars.

1½ to 2	ft.	.....	.50	4.00	30.00
2 to 3	ft.	.....	.60	5.00	40.00
3 to 4	ft.	.....	.80	7.00	60.00
4 to 5	ft.	.....	1.00	8.50	

rhytidophyllum. 8'-10'*Leatherleaf Viburnum*

EVERGREEN. Rough deeply veined Rhododendron-like leaves quickly distinguish this bold southerner. If the brilliant red berries are to mature a sheltered half shady spot is needed.

15 to 18	in.	B. & B	.....	1.00	9.00	75.00
1½ to 2	ft.	B. & B	.....	1.50	12.50	100.00
2 to 3	ft.	B. & B	.....	2.25	20.00	150.00
3 to 4	ft.	B. & B	.....	3.00	27.50	225.00

sieboldi. 8'-10'*Siebold Viburnum*

Tree-like, few stemmed shrub with handsome dark green lustrous foliage, creamy flowers and berries that start out green changing to pink to black. Certainly a "dominant" shrub.

1½ to 2	ft.	.....	.40	3.00	25.00
2 to 3	ft.	.....	.50	4.00	30.00
3 to 4	ft.	.....	.60	5.00	40.00
4 to 5	ft.	.....	.80	7.00	

tomentosum. 8'-10'*Doublefile Viburnum*

The Beau-Brummel of the family whose neatness is of little note beside the handsome spectacle afforded by a well grown specimen in full bloom. The flat topped clusters of pure white flowers are thickly strung along the top of the horizontal branches so as to resemble a fall of snow. The purple foliage color is distinctive too. By all means an indispensable.

1½ to 2	ft.	.....	.40	3.00	25.00
2 to 3	ft.	.....	.50	4.00	30.00
3 to 4	ft.	.....	.60	5.00	40.00
4 to 5	ft.	.....	.85	7.50	60.00

— plicatum. 7'-8'*Japanese Snowball*

In June the familiar white three inch "Snowballs" are generously studded over a well clothed shrub, a cheerful picture; no fruits.

2 to 3	ft.	.....	.40	3.50	25.00
3 to 4	ft.	.....	.60	5.00	35.00
4 to 5	ft.	.....	.75	6.00	50.00
5 to 6	ft.	.....	1.00	8.00	

wrighti. 8'-10'*Wright Viburnum*

Somewhat like dilatatum with the same brilliant scarlet fruit.

1½ to 2	ft.	.....	.50	4.00	35.00
2 to 3	ft.	.....	.60	5.00	

VINCA minor*Periwinkle*

EVERGREEN. Accepted as THE ground cover, its close blanket of dark green foliage is well known. Shade is best but a sunny spot is alright too, if not too dry and hot.

3 in pots	90.00 thousand	1.50	12.00	
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VITEX macrophylla. 5'-6'*Bigleaf Chaste Tree*

A dainty shrub with branching spikes of very attractive lavender blue flowers in September beautifully offset by the star shaped gray green leaves. Must have sun, prune in spring.

1½ to 2	ft.	.....	.50	4.00	30.00
2 to 3	ft.	.....	.60	5.00	40.00

			Each	Per 10	Per 100
WEIGELA candida. 6'-8'			Snow Weigela		
Creamy white trumpets try to outnumber the young leaves in May. Vigorous upstanding subject. Prune out the old wood.					
2	to	3 ft.....	.40	3.00	25.00
3	to	4 ft.....	.50	4.00	30.00
4	to	5 ft.....	.60	5.00	40.00
— Eva Rathke. 4'-5'			Red Flowering Weigela		
Almost continuously throughout the summer the short branches are actually covered with reddish carmine blossoms.					
1½	to	2 ft.....	.40	3.00	25.00
2	to	3 ft.....	.50	4.00	30.00
3	to	4 ft.....	.60	5.00	
— Feerie. 6'-8'					
If you plant only one take this which opens a little earlier than Venusta and is even more profuse, and a shade lighter.					
2	to	3 ft.....	.50	4.00	
3	to	4 ft.....	.75	6.00	
— Venusta. 6'-8'			Venus Weigela		
Really an improvement on the old sorts, with large rose trumpet bells just crowded on the long sturdy branches.					
1½	to	2 ft.....	.40	3.00	25.00
2	to	3 ft.....	.50	4.00	30.00
3	to	4 ft.....	.75	6.00	50.00
rosea. 6'-8'			Pink Weigela		
After the long term of admirable service should be retired in favor of its lovely daughters. Just as vigorous as any.					
1½	to	2 ft.....	.30	2.50	20.00
2	to	3 ft.....	.40	3.00	25.00
3	to	4 ft.....	.50	4.00	30.00
WISTERIA multijuga. Vine, 25'-30'			Longcluster Wisteria		
Properly trained the three foot sprays of purple flowers can never be forgotten. Even in May the fragrance is noteworthy.					
2	yr. grafts, 6 in. pots.....		.75	6.00	
3	yr., field grown .....		.75	6.00	50.00
sinensis. 30'-40'			Chinese Wisteria		
Shorter and therefore more compact sprays of the beautiful pea blossoms open a little before "Longcluster". That same delectable scent thrills the senses. Sun, drainage needed.					
2	yr. grafts, 6 in. pots.....		.75	6.00	
3	yr., field grown.....		.75	6.00	50.00
YUCCA filamentosa. 2'-3'			Adam's Needle		
EVERGREEN. Much abused, poorly used, but withal a handsome exotic when the six foot spikes of creamy nodding bell flowers force attention in July. Try it in masses among dry rocky outcroppings, or in the wide flower border.					
3	yr.....		.40	3.00	25.00
4	yr.....		.60	5.00	40.00
ZANTHORHIZA apiifolia. 2'-2½'			Yellow Root		
For under planting with leggy shrubs no better selection could be made. Either in sun or shade, moist or dry places it will quickly spread to form a light ground cover and open its curious brownish purple flowers. Will not thrive in lime soil.					
9	to	12 in.....	.30	2.50	20.00.
12	to	18 in.....	.40	3.00	25.00
1½	to	2 ft.....	.50	4.00	30.00

Hardy Perennial Plants

	Each	Per 10	Per 100
ACHILLEA millefolium roseum. 1½'-2'		Pink Yarrow	
Crimson, June-July, fern like foliage..	.25	1.50	9.00
ptarmica, Boule de Nieve. 1½'-2'		Ball of Snow Yarrow	
White, June-July, good cut flower.....	.25	1.50	10.00
tomentosa. 6''-8''		Woolly Yarrow	
Yellow, May-June, fine wooly foliage	.25	1.80	12.00
ACONITUM napellus, Spark's variety. 5'		Spark's Monkshood	
Deep blue, July-Aug., free flowering.	.35	2.70	21.00
Wilsoni. 5'-6'		Wilson Monkshood	
Sapphire, Aug.-Sept. handsome spikes	.35	3.00	24.00
AETHIONEMA coridifolium. 6''-8''		Lebanon Stonecress	
Pink heads, May-June, small leaves.	.35	2.70	21.00
AJUGA genevensis. 6''-8''		Geneva Bugle	
Deep blue, May-June, full spikes.....	.25	2.10	15.00
reptans. 4''-6''		Carpet Bugle	
Purple, May-June, rampant carpeter..	.25	2.10	15.00
ALLIUM Thibet. 6''			
Lilac heads, May-June, quite new....	.50	4.50	
ALTHAEA rosea. 5'-7'		Hollyhock	
Various colors, mixed or separate.			
July-Aug., best selection possible .....	.25	1.50	9.00
ALYSSUM rostratum. 4''-5''		Beaked Alyssum	
Yellow, May-June, free flowering....	.25	2.10	15.00
saxitale compactum. 6''-9''		Dwarf Golden Tuft	
Golden, April-May, silvery leaves.....	.25	1.80	12.00
— citrinum. 6''-8''		Lemon Alyssum	
Lemon, April-May, good clear color.	.30	2.40	
spinosum. 4''-5''		Spiny Alyssum	
White, May, really a tiny shrublet ....	.35	3.00	25.00
ANCHUSA italica Lissadel. 3'-5'		Bugloss	
Blue, June-Sept. intensely colored.....	.25	1.80	12.00
myosotidiflora. 12''-18''		Siberian Bugloss	
Blue, May, resembles Forget-me-nots.	.25	2.10	15.00
ANEMONE hupehensis. 18''-24''		Hupeh Anemone	
Pink, Aug.-Sept., attractive foliage....	.25	2.10	15.00
japonica alba. 2'-2½'		White Anemone	
White, Sept.-Oct., the old fashion kind	.25	2.10	15.00
rubra.		Red Anemone	
Deep rose pink, Sept.....	.25	2.10	15.00
— Queen Charlotte.		Double Pink Anemone	
Double pink, Sept.-Oct. protect winter	.25	2.10	15.00
— Whirlwind.		Double White Anemone	
Double white, Sept.-Oct., vigorous....	.25	2.10	15.00
pulsatilla. 8''-10''		Pasque Flower	
Purple, April-May, feathery silver seed	.30	2.40	18.00
— rubra. 8''-10''		Red Pasque Flower	
Maroon, April-May, fern like foliage.	.30	2.40	18.00
vernalis. 3''-4''		Vernal Anemone	
White, May, flat deeply cut leaves....	.75	6.00	45.00
ANTENNARIA dioica. 3''-4''		Pussytoes	
Silver foliage, easy carpeter.....	.30	2.40	18.00
ANTHEMIS styriaca. 3''-4''		Styrian Camomile	
White, May-June, silvery foliage.....	.30	2.40	
tinctoria kelwayi. 1½'-2'		Kelway Camomile	
Yellow, June-Oct., fine cut flower....	.25	1.50	9.00

	Each	Per 10	Per 100
AQUILEGIA alpina. 8''-10''		<i>Alpine Columbine</i>	
Light blue, June, the true dwarf form	.40	3.60	30.00
caerulea. 2'		<i>Colorado Columbine</i>	
Blue and white, May-June, cool soil.	.30	2.40	18.00
canadensis. 18''		<i>American Columbine</i>	
Scarlet and gold, May-June, easy.....	.25	2.10	15.00
chrysantha. 2'-2½'		<i>Golden Columbine</i>	
Golden, May-June, long spurred .....	.25	1.50	10.00
Hensol Harebell 8''-10''			
Blue, May-June, new and easy.....	.45	4.00	
hybrida, Long-spurred. 2½'-3'			
Various beautiful colors, May-June..	.25	1.80	12.00
ARABIS albida. 6''-9''		<i>White Rock Cress</i>	
White, April-May, low clumps.....	.25	1.50	10.00
— flore-pleno. 6''-9''		<i>Double Rock Cress</i>	
White, April-May, fine variety.....	.30	2.50	
— kellereri. 3''-4''		<i>Kellerer Rock Cress</i>	
White, May, true Alpine, easy.....	.50	4.00	30.00
procurrens. 6''-9''			
White, May-June, bright green leaves	.40	3.60	
ARENARIA montana. 4''-6''		<i>Mountain Sandwort</i>	
White, large flowers, May-June .....	.30	2.40	18.00
caespitosa. 1''-2''		<i>Moss Sandwort</i>	
White, May-Sept., low cushions .....	.25	2.10	15.00
ARRHENATHERUM bulbosum variegatum. 10''-12''		<i>Oatgrass</i>	
Striped green and yellow foliage .....	.50	4.00	30.00
ARTEMISIA frigida. 4''-6''		<i>Fringed Wormwood</i>	
Bushy silver foliage, good drainage....	.50	4.00	
Silver King. 2'-2½'		<i>Mugwort</i>	
Silvery white foliage, good for cutting	.25	1.80	12.00
ASCLEPIAS incarnata. 2'-3'		<i>Swamp Milkweed</i>	
Pink, July-Aug., moist situation .....	.25	1.80	12.00
tuberosa. 2'-3'		<i>Butterfly Weed</i>	
Brilliant orange, July-Aug., lowland..	.25	1.80	12.00
ASPHODELUS luteus. 3'-4'		<i>Asphodeline</i>	
Yellow, June-July, stately dense spikes	.30	2.40	18.00
ASTER alpinus. 6''-8''		<i>Rock Aster</i>	
Violet-blue gold centred daisies, May	.25	2.10	15.00
Mauve Cushion. 6''-9''			
Mauve, Sept.-Oct. a mound of flowers	.25	2.10	15.00
subcaeruleus. 12''-15''		<i>India Aster</i>	
Blue daisies in clusters, June-July.....	.25	2.10	15.00
Hybrids.		<i>Michaelmas Daisies</i>	
Climax. 4'-5'			
Deep lavender, Aug., vigorous.....	.25	2.10	15.00
Barr's Pink. 4'-5'			
Large rich rose pink, Aug.-Sept.....	.30	2.40	18.00
Ryecroft Purple. 3'-4'			
Glowing royal purple, Aug.-Sept... ..	.25	2.10	15.00
Sam Banham. 3'-4'			
Dead white, Aug.-Sept. free flower.	.25	2.10	15.00
St. Egwin. 2'-2½'			
Delicate pink, Aug.-Sept., refined..	.25	2.10	15.00
AUBRIETIA deltoidea. 4''-6''		<i>Aubretia</i>	
Purple, April-May, gray foliage.....	.25	2.10	15.00
— eyrei. 4''-6''		<i>False Rock Cress</i>	
Violet, April-May, prefers gritty soil.	.25	2.10	15.00
— graeca. 4''-6''			
Light purple, April-May, carpenter ....	.35	2.70	21.00
New Hybrids. 3''-6''			
Various good colors, April-May.....	.35	2.70	21.00

	Each	Per 10	Per 100
BAPTISIA australis. 2'-3'			Blue Indigo
Blue pea-like flowers, May-June, good	.25	2.10	15.00
BELLIS rotundifolia caerulescens. 2"-4"			Round Leaf Daisy
Pale blue, April-Oct. easy and dainty	.25	2.10	15.00
BELLIUM bellidoides. 2"-4"			Little Mary
White, May-Oct., a diminutive daisy	.30	2.40	
BOLTONIA asteroides. 4'-5'			White Boltonia
White, Sept. for the wide border.....	.25	1.50	10.00
latisquama nana. 2½'-3'			Dwarf Pinkray Boltonia
Tender pink, Aug-Sept. for cutting..	.25	1.50	10.00
CALAMINTHA alpina. 6"-8"			Alpine Savory
Lilac, May, low green clumps .....	.25	2.10	15.00
CAMPANULA barbata. 6"-9"			Bearded Bellflower
Blue, May-June, rare and beautiful....	.30	2.50	
carpatia. 6"-9"			Carpathian Bellflower
Blue, June-Aug. ever in flower.....	.25	2.10	15.00
— alba. 6"-9"			White Bellflower
White, June-Aug. dainty nodding bells	.25	2.10	
garganica. 3"-4"			Alpine Bellflower
Blue, May-June, well drained soil.....	.35	2.70	21.00
glomerata. 12"-18"			Danesblood
Purple cluster, June-July, on erect stem	.30	2.40	
kolenatiana. 4"-6"			
Violet, June, rare choice variety.....	.35	2.70	21.00
medium. 2'-3'			Single Canterbury Bells
Blue, white, pink, June, a biennial.....	.25	1.50	10.00
— calycanthema. 2½'-3'			Cup and Saucer
Blue, white, pink, June, a biennial ....	.25	1.50	10.00
persicifolia. 2'-2½'			Peach-leaved Bellflower
Blue, June-July, free flowering .....	.25	1.80	12.00
— alba. 2'-2½'			White Peach-leaved Bellflower
White, June.....	.25	2.10	15.00
Telham Beauty. 3'			The True Form
Lavender blue, large, June-July.....	.30	2.50	
portenschlagiana. 3"-4"			Dalmatian Bellflower
Violet, May-June, always in flower.	.35	2.70	21.00
pusilla. 3"-4"			
Blue, June-July, dainty hanging bells.	.50	4.50	
rotundifolia. 8"-10"			Harebell
Blue, July-Sept., graceful and free.....	.25	1.80	12.00
CARYOPTERIS incana. 1½'-2'			Blue Spirea
Lavender-blue, June-July.....	.35	2.50	20.00
CATANANCHE caerulea. 1'-1½'			Cupid's Dart
Blue, July-Sept., splendid cut flower.	.30	2.10	15.00
CENTAUREA dealbata. 1½'-2'			Persian Centaurea
Pink, June-Aug., finely cut foliage....	.25	1.80	12.00
montana. 1½'-2'			Cornflower
Blue, May-July, gray leaves .....	.25	1.50	12.00
CERASTIUM alpinum lanatum. 3"-4"			Woolly Cerastium
Silvery foliage, like chinchilla.....	.30	2.40	18.00
columnae. 4"-6"			
White, June, compact silver leaves.....	.30	2.40	18.00
tomentosum. 6"-8"			Snow-in-Summer
White, June, silver foliage .....	.25	1.80	12.00
CHEIRANTHUS allioni. 1'-1½'			Wallflower
Brilliant orange, May-June, fragrant..	.25	1.80	12.00
CHIMAPHILA maculata. 6"-8"			Spotted Wintergreen
White, marbled foliage, acid soil.....	.30	2.50	18.00

	Each	Per 10	Per 100
CIMICIFUGA racemosa. 4'-6'			Cohosh Bugbane
White, July-Aug., rocket-like spikes..	.25	1.80	
CLEMATIS davidiana. 3'-4'			Fragrant Tube Clematis
Blue, Aug., luscious foliage.....	.30	2.40	18.00
integrifolia. 1½'-2'			
Blue, July, wiry growth.....	.30	2.40	18.00
CHRYSANTHEMUM arcticum. 1'-1½'			False Arctic Daisy
White, Sept-Oct., a mass of bloom.	.25	1.80	12.00
Hybrids. 2'-3'			Garden Chrysanthemums
Selected varieties—2½" pots .....	.25	1.80	12.00
Adelaide—bronze			Little Bob—crimson
Alice Howell—buff			Miramar—bronze
Barbara Cumming—yellow			Mrs. W. Cartwright—large yel
Bronze Doty—bronze			Murillo—pink
Captain Cook—rose			Oconto—white
Cranfordia—yellow			October Girl—pink
Frances Whittlesey—red			Prince of Wales—white
Gypsy Girl—red			R. Marion Hatton—yellow
Irene—white			Rodell—yellow
Jean Cumming—white			Ruth Cumming—bronze
Jules LaGravere—crimson			Seashell—pink
Koreana—dark red			White Doty—white
Koreana—single pink			Yellow Doty—yellow
maximum. 2'-2½'			Pyrenees Chrysanthemum
White, June-Sept., cut flower .....	.25	1.80	12.00
uliginosum. 4'-5'			Giant Daisy
White, Aug., bushy and handsome..	.25	1.80	12.00
CODONOPSIS ovata. 9"-12"			
Pale blue bells, May-June .....	.30	2.40	18.00
CONVALLARIA majalis. 9"-12"			Lily of the Valley
White, May-June, clumps, fragrant..	.60	5.00	45.00
COREOPSIS lanceolata grandiflora. 2'-2½'			Big Coreopsis
Golden, June-Aug., cut flower.....	.25	1.50	10.00
COTULA squalida. 1"-2"			
Fern like green foliage, a carpeter .....	.50	4.50	
COTYLEDON chrysanthus. 4"-6"			Cotyledon
Cream, handsome, June-July.....	.50	4.50	
CYCLAMEN europaeum. 3"-4"			Alpine Sow Bread
Rose-crimson, handsome foliage.....	2.00	18.00	
DELPHINIUM chinense. 1½'-2'			Slender Larkspur
Deep blue, June-Sept., nice foliage....	.25	2.10	15.00
— album. 1½'-2'			White Slender Larkspur
White, June-Sept., rockery or border.	.25	2.10	15.00
— Belladonna. 2½'-3'			
Sky blue, June-Aug., forces well.....	.25	1.80	12.00
Gold Medal Hybrids. 4'-6'			Hybrid Larkspur
Various, June-Aug., best strain.....	.25	2.10	15.00
nudicaule. 1'-1½'			Orange Larkspur
Orange, June, keep dry in winter.....	.35	2.70	21.00
DIANTHUS allwoodi Jean. 9"-12"			
Pink and white, May-June, fragrant.	.30	2.40	18.00
alpinus. 2"-3"			Alpine Pink
Pink, June, enormous flowers .....	.35	3.00	
arvernensis. 3"-4"			
Rose, May-June, a gray foliage mat.	.35	2.70	21.00
brevicaulis. 3"-4"			Short stem Pink
Pink, May-June, little gray cushions.	.35	3.00	
caesius. 4"-5"			Cheddar Pink
Rose pink May-June, true form .....	.30	2.40	18.00
deltoides, Brilliant. 6"-9"			Maiden Pink
Pink, May-July, deep green mats.....	.25	2.10	15.00

DIANTHUS	Each	Per 10	Per 100
<i>latifolius atrococcineus.</i> 12"-15"	Double cluster Pink		
Brilliant scarlet, June, showy.....	.25	2.10	15.00
<i>neglectus.</i> 3"-4"	Ice Pink		
Rose, buff reverse, June, spiny habit.	.35	2.70	21.00
<i>plumarius.</i> 9"-12"	Grass Pink		
Various, May-Sept., large flowers....	.25	2.10	15.00
<i>roysii.</i> 3"-4"	Rois Pink		
Rose, May-June, gray clumps.....	.35	3.00	
<i>DICENTRA cucullaria.</i> 4"-6"	Dutchmans Breeches		
Creamy white, May-June, shade.....	.35	2.70	21.00
<i>spectabilis.</i> 1½'-2'	Bleeding Heart		
Pink, white, May-June, fernlike foliage	.40	3.50	30.00
<i>eximia.</i> 1'-1½'	Fringed Bleeding Heart		
Deep pink, May-July, cut foliage.....	.30	2.40	18.00
<i>DICTAMNUS albus.</i> 2'-2½'	Gasplant		
White, May-June dislikes transplanting	.40	3.60	30.00
— <i>ruber.</i> 2½'-3'	Pink Gasplant		
Rosy purple, May-June, cut flower.	.40	3.60	30.00
<i>DIGITALIS ambigua.</i> 3'-4'	Yellow Foxglove		
Yellow, June-July, shade or sun.....	.25	1.80	12.00
— <i>Isabellina.</i> 3'-4'	Foxglove		
Yellow shades, June-July, fine plants.	.25	2.10	15.00
<i>alba.</i> 2'-3'	White Foxglove		
White, June-July, handsome spikes....	.25	2.10	15.00
<i>Shirley.</i> 3'-4'	Hybrid Foxglove		
Beautiful pink shades, June-July.....	.25	2.10	15.00
<i>DORONICUM caucasicum.</i> 1½'-2'	Leopardbane		
Yellow, May-June, cut flower.....	.35	3.00	21.00
<i>DRACOCEPHALUM ruyschiana.</i> 1'-1½'	Siberian Dragonhead		
Intense blue, June-July, uncommon..	.30	2.40	18.00
<i>ECHINACEA purpurea.</i> 3'-4'	Purple Coneflower		
Reddish purple, July-Oct. easy grown	.25	1.80	12.00
<i>ERIGERON aurantiacus.</i> 4"-6"	Orange Fleabane		
Orange, June, attractive heads.....	.25	2.10	15.00
<i>coulteri.</i> 12"-15"	Fleabane		
Mauve-white, July, for cutting.....	.25	2.10	15.00
<i>mucronatus.</i> 4"-6"	Pointed Fleabane		
White, May-Oct., always in bloom..	.25	2.10	15.00
<i>speciosus mesa grande.</i> 1'-1½'	Oregon Fleabane		
Lilac-blue, June-July, cut flower.....	.25	2.10	15.00
<i>ERINUS alpinus.</i> 4"-6"	Alpine Liver-balsam		
Lilac-rose, April-May, low clumps....	.30	2.40	18.00
— <i>albus.</i> 4"-6"			
White, April-May, compact plants....	.35	3.00	
<i>ERODIUM amanum.</i> 4"-6"	Heronsbill		
White, fern-like foliage, May-July....	.35	3.00	
<i>chamaedrioides roseum.</i> 2"			
Rough foliage, rose-pink, July, new..	.35	3.00	
<i>ERYNGIUM planum.</i> 1½'-2'	Eryngo		
Steel-blue thistle-heads, July-Sept.....	.25	1.80	12.00
<i>ERYSIMUM pulchellum.</i> 2½"-3"	Rockery Blistercress		
Yellow, April-May, tiny wall flower	.25	1.80	12.00
<i>ERYTHEA massoni.</i> 2½"-3"			
Rose, June-Aug. like a pink Gentian.	.40	3.60	30.00
<i>EUPATORIUM coelestinum.</i> 1½'-2'	Blue Mist Flower		
Blue, Aug.-Oct., cutting flower .....	.25	1.80	12.00
<i>fraseri.</i> 2½'-3'	White Mistflower		
White, July-Sept. best white form.....	.25	1.80	12.00

	Each	Per 10	Per 100
EUPHORBIA corollata. 2'-2½'			<i>Flowering Spurge</i>
White, July-Aug., like baby's breath. .25		1.80	12.00
polychroma. 1½'-2'			<i>Cushion Spurge</i>
Yellow, April-May, showy in mass.. .35		2.70	21.00
FESTUCA glauca. 9"-12"			<i>Dwarf Blue Stem Grass</i>
Blue-gray foliage, compact clumps.... .25		1.80	12.00
GAILLARDIA grandiflora Portola. 1½'-2'			<i>Blanket Flower</i>
Orange and red, July-Aug ..... .25		2.10	15.00
GAULTHERIA procumbens. 4"-6"			<i>Wintergreen</i>
Red berries, winter, acid soil, shade.... .25		2.10	15.00
GENISTA sagitalis. 9"-12"			<i>Arrowhead Broom</i>
Yellow, June-July, flat branches..... .75		6.00	
GENTIANA septemfida. 6"-8"			<i>Gentian</i>
Rich blue clusters, July-Aug., easy .... .75		6.00	
GERANIUM sanguineum. 9"-12"			<i>Bloodred Cranesbill</i>
Magenta, May-Aug., pretty leaves.... .30		2.70	21.00
— lancastriense. 4"-6"			<i>Dwarf Cranesbill</i>
Shell pink, May-Aug. a lovely Alpine. .40		3.60	
GEUM borisi. 12"-15"			<i>Avens</i>
Brilliant orange, June-Sept..... .40		3.50	
Lady Stratheden. 1½'-2'			
Golden, June-Sept. splendid cut flower .25		2.10	15.00
Mrs. Bradshaw. 1½'-2'			
Vivid red, June-Sept., very double.... .25		2.10	15.00
GLOBULARIA trichosanthes. 4"-6"			<i>Syrian Globe Daisy</i>
Violet blue globes, May-June ..... .25		2.10	15.00
GOODYERA pubescens.			<i>Rattlesnake Plantain</i>
Beautiful veined leaves, white flowers .50		4.00	30.00
GYPSOPHILA cerastioides. 3"-4"			<i>Mouse-ear Gypsophila</i>
White, veined purple, May, spreads.. .25		2.10	15.00
paniculata. 2'-2½'			<i>Baby's Breath</i>
White, June-July, for cutting ..... .25		1.50	10.00
— Bristol Fairy. 2'-3'			<i>Double Baby's Breath</i>
Double white, June-Sept., dries well.. .40		3.60	27.00
repens 4"-6"			<i>Creeping Gypsophila</i>
White, June-July, grayish foliage..... .25		1.80	12.00
HELENIUM autumnale superbum. 4'-5'			<i>Sneezeweed</i>
Yellow, Aug.-Sept. useful mass plant. .25		2.10	15.00
pumilum magnificum. 2'-2½'			<i>Dwarf Sneezeweed</i>
Bright yellow, Aug.-Sept..... .35		3.00	24.00
Riverton Gem. 2½'-3'			<i>Bronze Sneezeweed</i>
Bronze, Aug.-Sept., indispensable .... .35		2.70	21.00
HELIANTHEMUM chamaecistus mutabile. 9"			<i>Fickle Sunrose</i>
Various, June-July, need full sun..... .35		2.70	21.00
Aureum —single yellow			Macranthum —single cream
Double Orange			Mrs. Earle —double crimson
Fireball —single red			The Bride —single white
HELIOPSIS scabra, Excelsa. 2½'-3'			<i>Rough Heliopsis</i>
Rich yellow sun flower, July-Oct.... .30		2.40	18.00
pitcheriana. 3'-4'			<i>Pitcher Heliopsis</i>
Golden yellow, Sept.-Oct. yel. day lily .30		2.40	18.00
HEMEROCALLIS Dr. Regel. 2'-2½'			
Orange, May, quite fragrant..... .25		2.10	15.00
Sovereign. 2'-2½'			
Deep orange, June, on graceful stems .25		2.10	15.00
thunbergi. 2½'-3'			<i>Japanese Daylily</i>
Pale yellow, July, clear color..... .25		1.80	12.00

	Each	Per 10	Per 100
HEPATICA acutifolia. 4"-6"			<i>Sharplobe Hepatica</i>
Porcelain blue, April-May, naturalizing	.25	2.10	15.00
triloba. 4"-6"			<i>Three lobe Hepatica</i>
Blue, April-May, leaf soil and shade.	.25	2.10	15.00
HESPERIS matronalis. 2'-2½'			<i>Dames Rocket</i>
Pink, July-Aug. will grow anywhere.	.25	1.80	12.00
HEUCHERA brizoides. 15"-18"			<i>Pinkbells</i>
Pink, June-Sept., graceful clusters	.35	2.70	21.00
sanguinea, Perry's white. 15"-18"			
White, June-July, for cutting	.35	2.70	21.00
— Pluie de Feu. 15"-18"			<i>Coral Bells</i>
Bright red, June-July, handsome form	.35	2.70	21.00
HIBISCUS moscheutos. 4'-6'			<i>Common Rosemallow</i>
Pink, red, white, Aug.-Sept.	.25	1.80	12.00
HOSTA caerulea (I UNKIA). 1½'-2'			<i>Blue Plantainlily</i>
Purplish blue, July-Aug., lily like	.25	1.80	12.00
lancifolia. 1½'-2'			<i>Lanceleaf Plantainlily</i>
Lavender-blue, July, great leaves	.25	1.80	12.00
plantaginea grandiflora. 1½'-2'			<i>Big Plantainlily</i>
White, July-Aug., useful for shade	.35	2.70	21.00
— minor. 9"-12"			<i>Dwarf Plantainlily</i>
White, July, a miniature edition	.35	3.00	24.00
variegata. 1½'-2'			<i>Variegated Plantain Lily</i>
Blue, July-Aug., attractive leaves	.25	2.10	15.00
HOUSTONIA caerulea. 3"-4"			<i>Bluets</i>
Blue, May, wonderful in mass	.25	2.10	15.00
HYPERICUM moserianum. 1'-1½'			<i>Goldflower</i>
Large golden suns, July-Aug.	.40	3.00	25.00
olympicum. 6"-9"			
Golden, June-Aug., glorious	.35	3.00	24.00
patulum Forresti. 1'-1½'			
Golden, June-Sept., shrubby habit	.40	3.00	25.00
repens. 4"-6"			
Golden, June-July, prostrate	.35	3.00	24.00
IBERIS sempervirens. 8"-10"			<i>Candytuft</i>
White, April-May, evergreen	.25	1.80	12.00
— Little Gem. 6"-8"			<i>Dwarf Candytuft</i>
White, April-May, very compact	.25	2.10	15.00
— Snowflake. 1'-1½'			
Pure white, April-May, improvement	.30	2.40	18.00
INULA ensifolia. 6"-8"			<i>Swordleaf Inula</i>
Golden yellow daisies, July-Sept.	.35	2.70	21.00
glandulosa superba. 15"-18"			<i>Caucasian Inula</i>
Golden, June, enormous flowers	.25	2.10	15.00
IRIS chrysographes. 12"-15"			
Violet-golden, June, prefers moist place	.35	3.00	
cristata. 4"-6"			<i>Crested Iris</i>
Lavender-blue, May, beautiful	.30	2.40	18.00
dichotoma. 15"-18"			<i>Vesper Iris</i>
Rosy lavender, August, needs full sun	.50	4.50	
forresti. 9"-12"			<i>Yunnan Iris</i>
Rich yellow, June, narrow foliage	1.25	10.00	
germanica. 2'-3'			<i>German Iris</i>
Various colors, June.			
Afterglow —buff-gray, late	.25	1.80	12.00
Alcazar —violet-purple, fragrant	.25	1.80	12.00
Ambassadeur —purple-ruby, beautiful	.30	2.40	18.00
Asia —lilac, tall and stately	.50	4.20	36.00
Dream —rose-pink, dwarf	.25	2.10	15.00

IRIS germanica, continued	Each	Per 10	Per 100
Harriet Presby—pink .....	.20	2.10	15.00
Her Majesty—rose .....	.20	1.50	9.00
Isoline—purple-lilac .....	.25	1.80	12.00
King—gold-maroon .....	.25	2.10	15.00
Lent A. Williamson—lavender-violet .....	.25	1.80	12.00
Lohengrin—mauve .....	.20	1.50	9.00
Loreley—yellow-white .....	.20	1.50	9.00
Lord of June—lavender .....	.30	2.70	18.00
Mad. Gaudichau—purple .....	.40	3.60	30.00
Mother of Pearl—lavender .....	.25	2.10	15.00
Nibelungen—bronze-gold .....	.20	1.50	9.00
Opera—violet-crimson .....	.35	3.00	24.00
Pallida dalmatica—lavender .....	.25	2.10	15.00
Prospero—lavender-purple .....	.25	2.10	15.00
Rhein Nixe—white-purple .....	.20	1.50	9.00
Seminole—violet-crimson .....	.35	2.70	21.00
Shekinah—yellow .....	.25	1.80	12.00
White Queen—white .....	.30	2.40	18.00
kaempferi, Bride. 2'-2½'			
Various colors, July, sunny moist place .....	.30	2.40	
— President Harding—blue .....	.40	3.60	30.00
pumila coerulea. 6"-9"			
Sky blue, May, dainty habit .....	.35	2.70	21.00
— Cyanea. 8"-12"			Pygmy Iris
Violet, May, useful rock plant .....	.25	2.10	15.00
— Excelsa. 8"-12"			Dwarf Yellow Iris
Yellow, May, for rock pools .....	.35	2.70	21.00
— Schneecuppe. 10"-12"			Dwarf White Iris
White, May, free flowering .....	.35	2.70	21.00
sibirica. 2'-3'			Siberian Iris
Purple May-June, border or streamside .....	.25	1.80	12.00
— Perry's Blue. 2'-3'			
Blue, May-June, delightful color .....	.30	2.40	18.00
tectorum. 1½'-2'			Japanese Roof Iris
Blue, June, withstands drought .....	.50	4.50	
tricuspis. Pale lilac, small flowers, May	.75	6.00	
JASIONE humilis. 8"-12"			Italian Jasmine
Blue, June-July, little round heads .....	.30	2.40	18.00
JEFFERSONIA diphylla. 12"			Twinleaf
White, May, acid soil, woodland plant .....	.30	2.40	18.00
KNIPHOFIA hybridus, Cardinal. 3'-3½'			Red Hot Poker
Orange-red, June-July .....	.25	2.10	15.00
nelsoni. 1½'-2'			
Orange, June, dwarf, slender .....	.30	2.40	
LAVENDULA vera. 12"-18"			Lavender
Lavender, July-Aug., fragrant .....	.25	2.10	15.00
— Munsted Variety. 9"-12"			Dwarf Lavender
Lavender, June-July, gray foliage .....	.30	2.40	18.00
LEONTOPODIUM alpinum. 4"-6"			Common Edelweiss
Silver, May-June, well drained soil .....	.30	2.40	18.00
LIATRIS pycnostachya. 4'-5'			Cattail Gayfeather
Purple, July-Aug., stately spikes .....	.25	1.80	12.00
spicata. 2'-3'			Spike Gayfeather
Purple, July-Sept. a good cut flower .....	.25	1.80	12.00

	Each	Per 10	Per 100
LILIUM regale. 2'-3'			Regal Lily
White, June-July, most easily grown.	.25	2.10	15.00
LIMONIUM latifolium. 1½'-2'			Bigleaf Sea-Lavender
Lilac, July-Aug., dried cut flowers....	.25	1.80	12.00
LINARIA hepaticaefolia. 2''-3''			Liverleaf Toadflax
Pale lilac, June-Aug.....	.35	3.00	24.00
alpina. 2''-3''			Alpine Toadflax
Lilac, June-Aug., fine gray leaves.....	.35	3.00	
LINUM flavum. 9''-12''			Golden Flax
Golden, May-Sept. sturdy growth...	.25	1.80	12.00
narbonnense. 15''-18''			Narbonne Flax
Deep blue, May-June, wiry stems....	.25	1.80	12.00
perenne. 15''-18''			Blue Perennial Flax
Blue, June-July. Like blue butterflies.	.25	1.50	9.00
— album. 15''-18''			White Flax
White, June-July, dainty.....	.25	1.80	12.00
LITHOSPERMUM prostratum, Heavenly Blue. 4''-6''			Gromwell
Blue, May-July, slightly acid soil.....	.75	6.00	50.00
LOBELIA cardinalis. 2½'-3'			Cardinal Flower
Red, July-Aug., best at waterside.....	.25	1.80	12.00
LOTUS corniculatus. 4''-6''			Birdsfoot Trefoil
Bright yellow pea flowers, July-Sept.	.35	3.00	24.00
LYCHNIS alpina. 4''-6''			Arctic Campion
Rose-pink, April, green tufts.....	.25	2.10	15.00
coronaria. 1½'-2'			Rose Campion
Purple rose, June-July, silvery foliage.	.25	1.80	12.00
— alba. 1½'-2'			White Campion
White, June-July.....	.25	2.10	15.00
haageana. 1½'-2'			Haage Campion
Orange-scarlet, June-July.....	.25	1.80	12.00
LYTHRUM salicaria roseum. 3'-3½'			Rose Loose-strife
Rose, July-Aug., ideal for massing....	.25	1.80	12.00
MAZUS rugosus. 3''-4''			Mazus
Lilac, May, June, quickly forms mat.	.30	2.40	18.00
MENTHELLA requieni. 1''-2''			Creeping Mint
Lilac, May-June, aromatic foliage.....	.25	2.10	
MERTENSIA virginica. 2'-2½'			Virginian Bluebell
Blue and pinkish, April, prefers shade.	.25	2.10	15.00
MITCHELLA repens.			Partridge Berry
Evergreen ground cover, red berries..	.25	2.10	15.00
MONARDA didyma Cambridge Scarlet. 2½'-3'			Oswego Beebalm
Red, June-Aug., rampant grower.....	.25	1.50	9.00
MUEHLENBECKIA nana. 2''-3''			Dwarf Wirevine
A neat carpeter, very uncommon .....	.50	4.50	
MYOSOTIS scorpioides. 8''-10''			Forget-Me-Not
Blue, May-Sept., for pool side .....	.25	2.10	15.00
NEPETA mussini. 8''-12''			Gray Catmint
Mauve, April-June, soft gray foliage.	.25	1.80	12.00
NIEREMBERGIA rivularis. 4''-6''			Whitecup
Large white bells, June-Aug., a mat.	.30	2.40	18.00
OENOTHERA missouriensis. 9''-12''			Ozark Sundrops
Yellow, June-Aug., large leaves.....	.25	1.80	12.00
speciosa. 1'-1½'			White Sundrops
White, June-Sept., slender stems.....	.25	2.10	15.00
youngi. 1½'-2'			Evening Sundrops
Yellow, June-Aug., bronzy foliage....	.25	1.80	12.00

	Each	Per 10	Per 100
ONOSMA echioides. 12"-15"		Golden Drops	
Pale yellow, May-June, rough leaves.	.40	3.60	30.00
PACHYSANDRA terminalis. 6"-9"		Japanese Spurge	
Ground cover..... 90.00 thousand		1.50	12.00
PAEONIA. 2½'-3'		Peony	
Various colors, May-June	Each	Per 10	Per 100
Avalanche -large white full flowers .....	.50	4.00	30.00
Baroness Schroeder -flesh pink to white .....	.75	6.00	50.00
Edulis superba -early rose pink .....	.50	4.00	30.00
Eugene Verdier -midseason pale pink..	.60	5.00	40.00
Festiva maxima -early white flecked red.	.50	4.00	30.00
Karl Rosenfield -vigorous early red.....	.60	5.00	40.00
Lady Alex Duff -pale pink semi-double.	1.25	10.00	
Lora Dexheimer -midseason flaming red .....	.75	6.00	50.00
Martin Cahuzac -midseason blackish red	1.25	10.00	
Mons. Jules Elie -early silvery pink.....	.60	5.00	40.00
Sarah Bernhardt -late mauve-rose	1.00	9.00	75.00
Solange -late silvery blush cream ..	2.25	20.00	
Therese -midseason rose	1.50	12.50	
PAPAVER alpinum. 4"-6"		Alpine Poppy	
Various colors, May-Sept. dainty petal	.25	2.10	15.00
nudicaule. 12"-15"		Iceland Poppy	
Various colors, May-Sept.....	.25	1.80	12.00
orientale. 2½'-3'		Oriental Poppy	
June, best moved in July-August.....			
Beauty of Livermere -deep red.....	.30	2.40	
Mrs. Perry -salmon-pink, striking....	.25	2.10	15.00
Olympiad -scarlet-orange, double.....	.30	2.40	18.00
Perry's White -well formed flowers.	.25	2.10	15.00
PENTSTEMON.			
barbatus, Pink Beauty. 2'-2½'		Pink Beard Tongue	
Shell pink, June-July, good for cutting.	.35	3.00	24.00
— Torreyi. 2½'-3'		Torrey Beard Tongue	
Coral red, June-July, loose spikes.....	.25	1.80	12.00
heterophyllus. 15"-18"		Violet Pentstemon	
Violet, June, clumpy habit.....	.30	2.40	18.00
hirtus pygmeus. 6"-9"		Dwarf Pentstemon	
Violet-white, June-July, attractive.....	.35	2.70	21.00
procerus.		Tall Pentstemon	
June, blue violet.....	.25	2.10	15.00
PHLOX arendsi, Louise. 1½'-2'			
Lavender, June-July, fine border plant.	.35	3.00	
divaricata. 9"-12"		Blue Phlox	
Lavender-blue, May-June, best massed	.25	1.80	12.00
ovata. 12"-15"		Mountain Pink	
Pink, May-June, in small clusters....	.25	2.10	15.00
subulata. 4"-6"		Moss pink	
Pink, April-May, good ground cover.	.20	1.50	9.00
— alba. 4"-6"		White Moss Pink	
White, April-May, a sheet of snow.	.20	1.50	9.00
— Apple Blossom. 4"-6"			
Shell pink, April-May, daintely blushed	.25	1.80	12.00
— Fairy. 4"-6"			
Lilac, April-May, compact habit.....	.25	1.80	12.00
— Vivid. 4"-6"			
Bright rose, April-May, never weedy	.30	2.40	18.00

PHLOX	Each	Per 10	Per 100
<i>decussata</i> . 1½'-2½' July-Sept.		Garden Phlox	
Attraction-salmon, tall variety, good.	.35	3.00	24.00
Border Gem-violet dwarf large flower	.25	2.10	15.00
Brilliant-scarlet, free flowering.....	.25	2.10	15.00
Caroline Vandenberg-blue-violet ....	.30	2.70	21.00
Deutschland-orange-scarlet, a favorite.	.25	2.10	15.00
Fiancee-white, large snowy heads....	.25	1.80	12.00
Fireglow-red, a vigorous variety .....	.25	2.10	15.00
General Petain-port wine, fairly new.	.25	2.10	15.00
H. B. May-pink, very large flowers.	.25	2.10	15.00
Hindenburg-crimson, fine old variety.	.25	2.10	15.00
Jules Sandeau-pink, dwarf large head	.25	2.10	15.00
Mrs. Jenkins-white, a good grower.	.25	1.50	9.00
Rheinlander-salmon, deep eye.....	.25	2.10	15.00
<i>suffruticosa</i> , Miss Lingard-white.....	.25	1.80	12.00
PHYSALIS franchetti. 2'-2½'		Chinese Lantern	
Orange seed pods, Oct. for cutting....	.25	1.80	12.00
PHYSOSTEGIA virginiana. 2½'-3' Virginia		False Dragonhead	
Pink spires, July-Aug., easily grown.	.25	1.80	12.00
— Vivid. 1½'-2'			
Deep pink, July-Aug. compact, dwarf.	.25	2.10	15.00
PHYTEUMA orbiculare. 1'-1½'			
Globular blue heads, June, low growth.	.30	2.70	21.00
PLATYCODON grandiflorum. 1½'-2'		Balloon Flower	
Blue, June-July, will stand shade.....	.25	1.80	12.00
— album. 1½'-2'		White Balloon Flower	
White, June-July, large open cups.....	.25	1.80	12.00
PLUMBAGO larpentae. 9"-12"		Blue Leadwort	
Blue, July-Sept., best late rock plant..	.25	1.80	12.00
POLEMONIUM caeruleum. 1'-1½'		Greek Valerian	
Blue, June-July, cut foliage.....	.25	1.80	12.00
humile. 9"-12"		Jacob's Ladder	
Blue, May-June, attractive leaves.....	.25	1.80	12.00
POTENTILLA tridentata. 6"-9"		Wineleaf Cinquefoil	
White, May-June, ground cover shade	.40	3.60	
nepalensis, Miss Willmott. 12"-15"			
Cerise, May-Sept., always in flower.	.30	2.40	18.00
Veitchi. 9"-12"		Veitch Cinquefoil	
White, May-June, sweet wee shrub.	.40	3.60	30.00
PRIMULA acaulis. 6"-8"		English Primrose	
Yellow, April-May, shade, cool soil.	.30	2.40	18.00
— Selected blue. 6"-8" April-May	.35	2.70	21.00
auricula. 4"-6"		Auricula	
Various, May-June, shade well drained	.30	2.40	18.00
cachemiriana. 9"-12"		Kashmir Primrose	
Lilac-blue, June, moist situation.....	.35	2.70	21.00
cortusoides. 6"-9"		Bigleaf Primrose	
Rose, June, crinkled foliage.....	.40	3.60	
polyanthus, Munsted. 6"-9"		Polyantha Primrose	
Various, May-June, yellow and white.	.40	3.60	
— Six Hills. 6"-9"			
Deep rich shades, a splendid strain....	.40	3.60	30.00
veris duplex. 6"-9"		Hose-in-Hose Primrose	
Yellow, semi-double. cool soil .....	.40	3.60	30.00
PYRETHRUM hybridum. 2'-2½'		Painted Lady	
Mixed, June-Aug., good for cutting..	.25	1.80	15.00
RUDBECKIA speciosa. 2'-2½'		Showy Coneflower	
Yellow, July-Aug., perennial Susan..	.25	1.80	12.00

	Each	Per 10	Per 100
SALVIA azurea grandiflora. 3'-4'		Azure Salvia	
Waving wands of light blue, Aug.....	.25	1.80	12.00
pratensis. 1½'-2'		Meadow Sage	
Violet, June-July, erect grower.....	.25	1.80	12.00
sclarea. 2'-2½'		Clary	
Blue, June-July, an old garden plant.	.25	1.80	
SANGUINARIA canadensis. 6"		Blood Root	
White, April, woods soil, shade.....	.35	2.70	21.00
SANTOLINA incana. 15"-18"		Lavender Cotton	
Yellow, June, silvery cut foliage.....	.25	2.10	15.00
SAPONARIA ocymoides splendens. 9"-12"		Rock Soapwort	
Deep rose, May-July, quick growing.	.25	1.80	12.00
SAXIFRAGA cordifolia. 15"-18"		Heartleaf Saxifrage	
Pink, June-July, leathery leaves .....	.35	2.70	
Delavayi, Pink heads 15"-18" .....	.40	3.60	
macnabiana. 9"-12"		Encrusted Saxifrage	
White sprays, June, silvery foliage....	.40	3.60	30.00
trifurcata ceratophylla. 6"-9"		Mossy Saxifrage	
White, June, bright green, mossy.....	.35	2.70	21.00
SCABIOSA, Clive Greaves. 2'		Scabiosa	
Deep blue, all summer, very large....	.50	4.50	40.00
SEDUM acre. 2"-3"		Goldmoss	
Yellow, May-June, for dry places....	.20	1.50	9.00
album. 3"-4"		White Stonecrop	
White, May-June, ground cover.....	.25	1.80	12.00
altissimum. 4"-5"		Tall Stonecrop	
Cream, July, long gray leaves.....	.30	2.40	18.00
anglicum. 2"-3"		English Stonecrop	
White, June, light green, compact.....	.40	3.60	
anopetalum. 4"-5"			
Yellow, June, silver coated, handsome	.40	3.60	
brevifolium. 1"-2"		Shortleaf Stonecrop	
White, June, silver and pink beads....	.50	4.50	
dasyphyllum. 2"-3"		Leafy Stonecrop	
Pinkish, June, frosted moss.....	.35	2.70	21.00
ewersi. 4"-6"		Ewers Stonecrop	
Gray succulent foliage, quaint.....	.35	2.70	21.00
kamtschaticum. 6"-8"		Orange Stonecrop	
Yellow, June-July, vigorous, green..	.25	2.10	15.00
nevi (true). 2"-3"		Nevi Stonecrop	
White, June, tight neat habit, rare.....	.50	4.50	
— variety. 2"-3"			
White, June, a more vigorous variety.	.30	2.40	18.00
pruinatum. 3"-4"		Hoary leaf Stonecrop	
Yellow, wiry branches die in summer.	.35	3.00	24.00
reflexum. 8"-10"		Jenny Stonecrop	
Yellow, June, vigorous ropy stems....	.30	2.40	18.00
rupestre. 6"-8"		Rock loving Stonecrop	
Yellow, July, reddish foliage.....	.30	2.40	18.00
sarmentosum. 4"-6"		Stringy Stonecrop	
Yellow, June July, rapid ground cover	.20	1.50	9.00
sexangulare. 2"-3"		Hexagon Stonecrop	
Yellow, June, low bronze moss .....	.20	1.50	9.00
sieboldi. 6"-9"		Siebold Stonecrop	
Pink, Aug.-Sept best flowering variety	.30	2.40	18.00
spectabile, Brilliant. 15"-18"		Showy Stonecrop	
Heads rosy-red, July-Sept. gray leaves	.25	2.10	15.00
spurium. 4"-6"		False Stonecrop	
Pink, July Aug., good for banks.....	.25	1.80	12.00

SEDUM	Each	Per 10	Per 100
stoloniferum. 4''-6''	Running Stonecrop		
Bright green foliage, red stems.....	.25	1.80	12.00
ternatum. 3''-4''	Mountain Stonecrop		
White, June. Best Sedum for shade	.25	2.10	15.00
SEMPERVIVUM arachnoideum. 4''-6''	Spiderweb Houseleek		
Red, July—most unusual .....	.25	2.10	15.00
fimbriatum. 4''-6''	Fringed Houseleek		
Pink, July, handsome rosettes.....	.25	2.10	15.00
globiferum. 6''-9''	Globe Houseleek		
Yellow, July, red in winter.....	.25	2.10	15.00
laggeri. 4''-6''	Lagger Houseleek		
Red, July, cobwebby rosettes .....	.35	2.70	21.00
pittoni. 6''-9''	Pitton Houseleek		
Creamy, July, large gray green.....	.35	2.70	21.00
rubicundum. 4''-6''	Red leaf Houseleek		
Red leaves, best in winter.....	.25	2.10	15.00
tectorum. 9''-12''	Roof Houseleek		
Pink, July, common but pretty.....	.25	2.10	15.00
triste. 3''-4''	Trist Houseleek		
Red rosettes, pointed leaves.....	.35	2.70	21.00
SCUTELLARIA baicalensis coelestina. 1½'-2'	Azure Scullcap		
Blue, July-Aug. Well worth growing	.25	2.10	15.00
SIDALCEA malvaeflora, Rosy Gem. 2½'-3'	Prairie Mallow		
Rose, June-Aug. A stately plant.....	.25	1.80	15.00
SILENE acaulis. 1''-2''	Moss Champion		
Pink, May, tightest green moss.....	.40	3.60	30.00
alpestris. 3''-4''	Alpine Catchfly		
White, June, low green mats.....	.25	1.80	15.00
maritima flore pleno. 4''-6''	Double Sea Champion		
White, May-June, gray fleshy leaves.	.30	2.40	18.00
schafta. 3''-4''	Schafta Catchfly		
Pink, June-Aug. useful late flowers.	.25	1.80	15.00
STACHYS lanata. 15''-18''	Woolly Betony		
Purple, July, like silver lambs ears....	.25	1.80	12.00
STATICE armeria. 6''-9''	Thrift		
Pink, May-June, good when massed.	.25	1.80	12.00
— alba. 4''-6''	White Thrift		
White, May-June, grassy foliage.....	.25	1.80	12.00
— lauchiana. 4''-8''	Thrift		
Red, May-June, very bright, compact.	.25	1.80	15.00
— splendens. 6''-9''	Peachblow		
Lavender, May-June, good soft color.	.25	1.80	15.00
— Six Hills Hybrid. 3''-4''	Dwarf Thrift		
Rose, May-July, spring leaves, new.	.75	6.00	50.00
pseudo-armeria rubra. 15''-18''	False Thrift		
Red, June-July, long strap-like leaves.	.30	2.40	18.00
STOKESIA laevis. 1½'-2'	Stokesia		
Blue, July-Aug. A splendid cut flower	.25	1.80	12.00
— alba. 1½'-2'	White Stokesia		
White, July-Aug. broad green leaves.	.25	2.10	15.00
TEUCRIUM chamaedrys. 12''-15''	Chamaedrys Germander		
Pink, July-Aug., box like growth....	.35	3.00	25.00
THALICTRUM adiantifolium. 2'-2½'	Maidenhair Meadowrue		
Yellow, June, beautiful foliage.....	.25	2.10	15.00
aquilegifolium. 1½'-2'	Columbine Meadowrue		
Rosy purple mist, June-July. Dainty	.30	2.40	18.00
diptercarpum. 3'-4'	Yunnan Meadowrue		
Mauve, Aug.-Sept., very handsome.	.30	2.40	18.00

	Each	Per 10	Per 100
THYMUS azoricus. 3"-4"			
Bright compact green hummocks.....	.30	2.40	18.00
citriodorus. 6"-9"			<i>Lemon scented Thyme</i>
Aromatic, used for seasoning.....	.30	2.40	18.00
— argenteus.			<i>Lemon Thyme</i>
Silver variegated, cut back in summer.	.30	2.40	18.00
— aureus 9"-12" Golden, variegated	.30	2.40	18.00
herba barona. 1"-2"			<i>Herb scented Thyme</i>
Rose, June-July, pungent smell.....	.50	4.50	
odoratus. 4"-6" Pink, loose growing.	.25	2.10	15.00
serpyllum albus. 2"-3"			<i>White Thyme</i>
White, June-July. A carpet of snow.	.30	2.40	18.00
— coccineus. 2"-3"			<i>Scarlet Thyme</i>
Deep pink, June-July, for paved walks.	.25	2.10	15.00
— Golden variegated Form Bright.	.30	2.40	18.00
— lanuginosus. 3"-4"			<i>Woolly Thyme</i>
Silvery foliage, a lovely wooly mat.	.25	2.10	15.00
TUNICA saxifraga. 6"-9"			<i>Tunic Flower</i>
Light pink, July-Sept., grassy foliage.	.25	1.80	12.00
— Flore-pleno. 6"-8"			
Double white buttons, choice, rare.	.35	3.00	24.00
VERBENA canadensis. 6"-9"			<i>Canada Verbena</i>
Pink purple May-Sept. massed flowers	.30	2.40	18.00
VERONICA armeria. 3"-4"			
Rich blue, May-June, feathery.....	.35	2.70	21.00
gentianoides. 6"-9"			<i>Gentian Speedwell</i>
Blue, May-June, neat and dainty.....	.25	2.10	15.00
incana. 9"-12"			<i>Woolly Speedwell</i>
Deep blue, June-July, silvery foliage.	.25	1.80	12.00
longifolia subsessilis. 1½'-2'			<i>Clump Speedwell</i>
Violet-blue, Aug., sturdy grower.....	.35	2.70	21.00
— Blue Jay. 1½'-2'			
Blue, July-Aug., slender spikes.....	.30	2.40	18.00
pectinata. 3"-4"			<i>Comb Speedwell</i>
Blue, June, gray crinkled leaves.....	.35	2.70	21.00
— rosea. 3"-4"			<i>Rosy Comb Speedwell</i>
Rose, June, trail over rocks.....	.35	2.70	21.00
pedunculata. 4"-6"			
White, May-June, fairly strong grower	.35	2.70	
repens. 2"-3"			<i>Creeping Speedwell</i>
Pale blue, May, hugs the ground.....	.25	1.80	15.00
spicata corymbosum. 4"-6"			<i>Spike Speedwell</i>
Deep blue, June, neat little plant.....	.25	2.10	15.00
spurium. 1'-1½'			<i>False Speedwell</i>
Blue, May-June, cloud of blue.....	.25	1.80	15.00
teucrium rupestris. 4"-5"			<i>Hungarian Speedwell</i>
Rich blue, June. A fine rock plant.	.25	1.80	15.00
— — nana. 1"-2"			<i>Dwarf Rock Speedwell</i>
Deep blue, June, very low and neat.	.30	2.40	18.00
— — rosea. 4"-6" Rose, June.....	.30	2.40	18.00
— Royal Blue. 1'-1½'			
Royal blue, June-July, a good name.	.30	2.40	18.00
trehani. 6"-9"			<i>Trehan Speedwell</i>
Blue flowers, golden leaves, June.....	.35	2.70	21.00
VINCA minor. 4"-6"			<i>Periwinkle</i>
Lilac-blue, April-May, ground cover.			
3" pots 90.00 thousand		1.50	12.00
VIOLA blanda. 2"			<i>Sweet White Violet</i>
White, June-July, for a shady corner.	.35	2.70	21.00
cornuta, Apricot Queen. 6"-8"			<i>Apricot Viola</i>
Bronzy buff, May-Aug. well known.	.30	2.40	18.00
— Jersey Gem. 6"-8"			
Violet, May-Sept., still the best.....	.25	1.80	12.00
rosina. 4"-6" Pink, April-May fragrant	.35	2.70	21.00

Plants for Special Locations

PLANTS SUITABLE FOR THE ROCK GARDEN

Evergreens

Arctostaphylos uva-ursi, 5''-6''
Berberis verruculosa, 3'-4'
Calluna vulgaris, 1'-2'
Chamaecyp. ob. grac. com. 4'-5'
Chamaecyparis obtusa nana, 2'
Chamaecyp. plumosa nana, 2'
Chamaecyp. squarrosa nana, 1½'
Cotoneaster microphylla, 2'-2½'
Cotoneaster thymifolia, 1½'-2'
Daphne cneorum, 1'
Epigaea repens, 6''
Euonymus radicans min., 2'-3'
Gaultheria procumbens, 4''-6''
Juniperus chinensis sargentii, 1½'
Juniperus communis mont., 1½'
Juniperus com. suecica nana, 3'
Juniperus conferta, 9''-12''
Juniperus horizontalis, 1'-1½'
Juniperus horiz. douglasi, 1'-1½'
Juniperus horizontalis plum. 2'
Juniperus horiz. Bar Harbor 1'
Juniperus sabina tamarisc. i., 1½'
Juniperus squamata, 1'
Juniperus squamata meyeri, 3'-4'
Juniperus squamata variegata, 1'
Leiophyllum buxifolium, 1½'
Mitchella repens, 4''
Pachistima canbyi 3''-4''
Picea exc. clanbrasiliana, 4'-5'
Picea excelsa maxwelli, 1'-2'
Picea exc. procumbens, 1½'-2'
Picea excelsa repens, 1'
Picea glauca conica, 3'
Pinus densifl. umbraculif., 3'-4'
Pinus montana mughus, 2½'-3'
Potentilla tridentata, 8''
Taxus baccata compacta, 3'-4'
Taxus bac. repandens, 1½'-2'
Taxus canadensis, 2'-2½'
Taxus cuspidata nana, 2'-3'
Thuja occidentalis Little Gem, 2'
Thuja occ. pumila, 2'-2½'
Thuja occ. umbraculifera, 2'-3'
Thuja orien. aurea nana, 2½'-3'
Thuja orientalis compacta, 3'-4'
Vaccinium vitis-idaea, 6''

Deciduous Shrubs

Caryopteris incana, 2'-3'
Cotoneaster adpressa, 1'
Cotoneaster horizontalis, 1½'-2'
Cotoneaster perpusilla, 1½'
Deutzia gracilis, 3'
Genista pilosa, 3'
Hypericum buckleyi, 1'
Hypericum moserianum, 2'
Hypericum patulum forres. 2'
Jasminum nudiflorum, 3'
Lonicera spinosa alberti, 2'
Lonicera thibetica, 3'-4'
Potentilla fruticosa, 3'-4'
Viburnum op. nana, 1½'-2'

Herbaceous Perennials

Acaena microphylla, 2''
Achillea lewisi, 6''
Achillea tomentosa, 9''
Aethionema cordidifolium, 6''
Aethionema grandiflorum, 1½'
Aethionema persicum, 6''
Ajuga genevensis, 1'
Ajuga reptans, 6''
Allium pedemontanum, 9''
Allium sp., Thibet, 9''
Alyssum montanum, 3''
Alyssum rostratum, 6''
Alyssum saxatile compactum, 1'
Alyssum spinosum, 6''
Androsace lactiflora, 4''
Androsace lanuginosa, 6''
Androsace sarment. chumbyi 3,,
Anemone huphensis, 1½'
Anemone pulsatilla, 1'
Anemone pulsatilla alba, 1'
Anemone pulsatilla rubra, 1'
Anemone sylvestris, 9''
Anemone vernalis, 3''
Antennaria dioica, 6''
Anthemis styriaca, 4''
Aquilegia alpina 1'
Aquilegia ecalcarata, 1'
Aquilegia flabellata nana alba, 9''
Aquilegia glandulosa, 15''
Aquilegia pyrenaica, 6''
Arabis albida, 6''
Arabis albida flore-plena 7''
Arabis albida nana compacta, 4''
Arabis alpina
Arabis alpina rosea
Arabis kelleri, 3''
Arabis procurrens 6''-9''
Arenaria montana, 4''
Arenaria purpurea cens, 2''
Arenaria caespitosa, 1''
Artemisia frigida, 4''
Aster alpinus, 8''
Aster alpinus albus, 8''
Aster subcaeruleus, 1'
Aster yunnanensis, 9''
Aubrietia in variety, 6''
Bellis rotundifolia caerulescens, 4''
Bellis sylvestris, 6''
Calamintha alpina, 6''
Campanula barbata, 8''
Campanula carpatica. 6''
Campanula carpatica alba, 6''
Campanula garganica, 3''
Campanula portenschlagiana, 3''
Campanula pusilla, 3''
Campanula rotundifolia, 1'
Carlina acaulis, 6''
Cerastium tomentosum, 6''
Chimaphila maculata, 9''-12''

PLANTS SUITABLE FOR THE ROCK GARDEN, Continued

<i>Dianthus alpinus</i> , 3"	<i>Mitchella repens</i> , 2"-3"
<i>Dianthus arenarius</i> , 6"	<i>Myosotis scorpioides</i> , 10"
<i>Dianthus caesius</i> , 6"	<i>Nepeta mussini</i> , 10"
<i>Dianthus deltoides</i> , 8"	<i>Nierembergia rivularis</i> , 2"
<i>Dianthus glacialis</i> , 4"	<i>Oenothera missouriensis</i> , 10"
<i>Dianthus neglectus</i> , 4"	<i>Oenothera speciosa</i> , 1½'
<i>Dicentra cucullaria</i> , 4"-6"	<i>Papaver alpinum</i> , 4"
<i>Dicentra formosa</i> , 1'	<i>Pentstemon hirsutus pygmaeus</i> , 9"
<i>Draba bruniifolia</i> , 2"	<i>Phlox amoena</i> , 4"
<i>Draba fladnizensis</i> , 4"	<i>Phlox divaricata</i> , 1'
<i>Dracocephalum ruyschiana</i> , 1'	<i>Phlox ovata</i> , 8"-12"
<i>Erigeron aurantiacus</i> , 6"	<i>Phlox subulata</i> in variety, 4"-6"
<i>Erinus alpinus</i> , 4"	<i>Phyteuma orbiculare</i> , 1'
<i>Erodium chamaedrioides</i> , 2"	<i>Plumbago larpentae</i> , 9"
<i>Erysimum linifolium</i> , 6"	<i>Polemonium humile</i> , 1'
<i>Erysimum pulchellum</i> , 3"	<i>Potentilla nepalensis</i> , Willmott, 1'
<i>Euonymus radicans minimus</i> , 1'	<i>Potentilla nepalensis tridentata</i>
<i>Festuca glauca</i> , 1'	<i>Primula acaulis</i> , 3"
<i>Gentiana septemfida</i> , 9"	<i>Primula auricula</i> , 6"
<i>Geranium sanguineum</i> , 9"	<i>Primula cachemiriana</i> , 9"
<i>Geranium sanguineum album</i> , 9"	<i>Santolina incana</i> , 1'
<i>Geranium sang. lancastriense</i> , 4"	<i>Saponaria ocymoides splendens</i> , 1'
<i>Geum borisi</i> , 1'	<i>Saxifraga macnabiana</i> , 9"
<i>Globularia trichosanthes</i> , 6"	<i>Sax. trifurcata ceratophylla</i> , 6"
<i>Gypsophila cerastioides</i> , 3"	<i>Sedum</i> in variety, 1"-9"
<i>Gypsophila repens</i> , 4"	<i>Sempervivum</i> in variety, 4"-9"
<i>Helianthemum</i> in variety, 8"	<i>Silene acaulis</i> , 2"
<i>Hepatica acutiloba</i> , 4"	<i>Silene alpestris</i> , 5"
<i>Hepatica triloba</i> , 4"-6"	<i>Silene maritima fl.-pl.</i> , 6"
<i>Heuchera</i> in variety, 1½'	<i>Silene shafta</i> , 6"
<i>Hosta plantaginea minor</i> , 10"	<i>Statice armeria</i> in variety, 6"-15"
<i>Houstonia caerulea</i> , 3"-4"	<i>Statice armeria</i> , 6 Hills Hybrid, 6"
<i>Hypericum coris</i> , 9"	<i>Teucrium chamaedrys</i> , 1½'
<i>Hypericum olympicum</i> , 6"-9"	<i>Thymus citriodorus argenteus</i> , 4"
<i>Hypericum repens</i> , 6"	<i>Thymus citriodorus aureus</i> , 4"
<i>Hypericum reptans</i> , 2"	<i>Thymus serpyllum</i> in variety, 2"
<i>Iberis gibraltarica</i> , 8"	<i>Tunica saxifraga</i> , 6"
<i>Iberis sempervirens</i> , 10"	<i>Verbena canadensis</i> , 6"
<i>Iberis sempervirens</i> , Little Gem, 6"	<i>Veronica armeria</i> , 4"
<i>Iberis sempervirens</i> , Snowflake, 9"	<i>Veronica filiformis</i> , 2"
<i>Inula ensifolia</i> , 9"	<i>Veronica gentianoides</i> , 8"
<i>Iris cristata</i> , 4"	<i>Veronica incana</i> , 1'
<i>Iris forrestii</i> , 1½'	<i>Veronica pectinata</i> , 3"
<i>Iris pumila</i> in variety, 4"-9"	<i>Veronica pectinata rosea</i> , 3"
<i>Jasione humilis</i> , 9"	<i>Veronica pedunculata</i> , 4"-6"
<i>Jeffersonia diphylla</i> , 12"	<i>Veronica repens</i> , 2"
<i>Lavandula vera</i> , Munstead, 1'	<i>Veronica teucrium rupestris</i> , 4"
<i>Leontopodium alpinum</i> , 6"	<i>Veronica teucrium rup. nana</i> , 1"
<i>Linum flavum</i> , 9"	<i>Veronica teucrium rup. rosea</i> , 4"
<i>Linum narbonneuse</i> , 1½'	<i>Veronica trehani</i> , 4"
<i>Linum perenne</i> , 1'	<i>Viola blanda</i> , 2"
<i>Linum perenne album</i>	<i>Viola bosniaca</i> , 4"
<i>Lithospermum prostratum</i> , 6"	<i>Viola cornuta</i> , Jersey Gem, 6"
<i>Lychnis alpina</i> , 4"	<i>Viola cornuta</i> , Purple Queen, 6"
<i>Mazus rugosus</i> , 4"	<i>Viola gracilis</i> , 5"
<i>Menthella requienii</i> , ½"	<i>Viola pedata</i> , 4"

PLANTS FOR SHADED SITUATIONS

 Deciduous Trees and
Small Shrubs

Acanthopanax pentaphylla, 7'-8'
 Amelanchier canadensis, 12'-15'
 Amelanchier stolonifera, 4'-5'
 Aronia arbutifolia, 6'-8'
 Aronia melanocarpa, 8'-10'
 Azalea arborescens, 10'-12'
 Azalea nudiflora, 6'-8'
 Azalea vaseyi, 5'-6'
 Azalea viscosa, 4'-5'
 Benzoin aestivalis, 10'-12'
 Calycanthus floridus, 4'-5'
 Cephalanthus occidentalis, 5'-6'
 Cercis canadensis, 12'-15'
 Chionanthus virginica, 15'-18'
 Clethra alnifolia, 4'-5'
 Cornus alternifolia, 15'-18'
 Cornus amomum, 8'-9'
 Cornus florida, 15' 25'
 Cornus florida rubra, 15'-20'
 Cornus mas, 15'-20'
 Halesia tetraptera, 12'-15'
 Hamamelis mollis, 15'-20'
 Hamamelis vernalis, 8'-10'
 Hamamelis virginiana, 15'-20'
 Hydrangea arbores. grand, 4'-5'
 Hydrangea quercifolia, 3'-4'
 Hypericum aureum, 3'-4'
 Ligustrum ibota regelian., 5'-6'
 Lonicera fragrantissima, 6'-8'
 Lonicera morrowi, 7'-8'
 Lonicera tatarica, 9'-10'
 Oxydendrum arboreum, 25'-30'
 Philadelphus, 9'-10'
 Rhodotypos kerrioides, 4'-5'
 Symphoricarpos chenaulti, 4'-5'
 Symphoricarpos racemosa, 5'-6'
 Symphoricarpos vulgare, 4'-5'
 Viburnum acerifolium, 4'-5'
 Viburnum dentatum, 10'-12'
 Viburnum lentago, 18'-20'
 Viburnum molle, 10'-12'
 Zanthoriza apiifolia, 2'-3'

Evergreens

Azalea amoena, 2½'-3'
 Azalea hinodegiri, 3'-4'
 Buxus sempervirens suf., 12'-15'
 Epigaea repens, 4''-6''
 Euonymus radicans color. 6''-9''
 Gaultheria procumbens, 4''-6''
 Ilex crenata microphylla, 6'-8'
 Ilex glabra, 5'-6'

Ilex opaca, 25'-30'
 Juniperus communis, 2½'-3'
 Kalmia latifolia, 5'-7'
 Leucothoe catesbaei, 3'-4'
 Mahonia aquifolium, 4'-5'
 Mitchella repens, 3''-4''
 Pachysandra terminalis, 6''-8''
 Pieris floribunda, 3'-4'
 Pieris japonica, 4'-5'
 Rhododendron catawb., 6'-9'
 Rhododendron hybrids, 3'-8'
 Rhododendron maxim., 8'-12'
 Taxus canadensis, 2'-2½'
 Taxus cuspidata, 4'-5'
 Tsuga canadensis, 75'-90'

Herbaceous Perennials

Aconitum (all)
 Ajuga genevensis
 Ajuga reptans
 Anemone japonica
 Aquilegia
 Chimaphila maculata
 Cimicifuga
 Convallaria majalis
 Dicentra cucullaria
 Dicentra formosa
 Dicentra spectabilis
 Digitalis
 Eupatorium fraseri
 Hepatica
 Heuchera (all)
 Hosta (all)
 Iberis sempervirens
 Lithospermum prostratum
 Lobelia cardinalis
 Lobelia syphilitica
 Lychnis chalcedonica
 Lythrum
 Menthella requieni
 Myosotis scorpiodes
 Physalis
 Platycodon grandiflorum
 Polemonium
 Primula (all listed)
 Saxifraga trifurcata ceratophylla
 Sedum kamtschaticum
 Sedum oreganum
 Sedum sarmentosum
 Sedum spurium
 Sedum ternatum
 Thalictrum
 Vinca minor
 Viola

 PLANTS FOR BINDING AND COVERING SOIL
ON STEEP BANKS

Shrubs

Acanthopanax pentaphyll., 7'-8'
 Berberis thunbergi, 4'-5'
 Forsythia suspensa, 5'-6'
 Lonicera spinosa alberti, 3'-4'
 Lonicera tatarica, 9'-10'
 Myrica carolinensis, 4'-5'
 Rhus canadensis, 4'-5'
 Rosa nitida, 12''-18''
 Rosa rugosa, 4'-5'

Rosa setigera, 5'-6'
 Symphoricarpos racemos., 5'-6'
 Symphoricarpos vulgare, 4'-5'
 Zanthoriza apiifolia, 2'-3'

Vines

Celastrus scandens, 20'-25'
 Lonicera halliana, 15'-20'
 Rosa lucida, 5'-6'
 Rosa wichuriana, 15'-20'

PLANTS FOR DRY SOIL

Trees

DECIDUOUS

Betula populifolia, 30'-40'
Phellodendron amurense, 40'-50'
Quercus alba, 100'

EVERGREEN

Juniperus virginiana, 30'-50'
Pinus resinosa, 80'-100'
Pinus strobus, 80'-100'
Pinus sylvestris, 70'-80'

Shrubs

DECIDUOUS

Acanthopanax pentaphyl., 7'-8'
Colutea arborescens, 8'-10'
Cornus paniculata, 10'-12'
Hypericum prolificum, 2½'-3'
Lespedeza formosum, 5'-6'
Myrica carolinensis, 4'-5'
Prunus maritima, 9'-10'
Rhamnus cathartica, 9'-10'
Rhus canadensis, 4'-5'
Rosa setigera, 10'-12'
Symphoricarpos racemos., 5'-6'
Vaccinium corymbosum, 5'-6'
Viburnum acerifolium, 4'-5'
Viburnum lantana, 15'-18'

EVERGREEN

Arctostaphylos uva-ursi, 6''
Juniperus sargentii, 2'-2½'
Juniperus communis, 2'-2½'
Juniperus comm. depressa, 1½'
Juniperus comm. montana, 1½'
Juniperus horizontalis, 1'-1½'
Juniperus sabina, 6'-7'

Mahonia aquifolium, 4'-5'
Pachysandra terminalis, 8''
Pinus montana mughus, 2½'-3'

Herbaceous Perennials

SUNNY PLACES

Achillea ptarmica, The Pearl
Achillea tomentosa
Anthemis tinctoria
Armeria in variety
Asclepias tuberosa
Baptisia australis
Cerastium tomentosum
Dianthus barbatus
Euphorbia corollata
Gypsophilla paniculata
Helianthemum
Helianthus
Lavendula vera
Linum perenne
Lupinus polyphyllus
Oenothera youngi
Pentstemon barbatus
Phlox subulata
Sedum
Sempervivum

SHADY PLACES

Ajuga genevensis
Aquilegia canadensis
Aquilegia chrysantha
Aster alpinus
Heuchera sanguinea
Iberis sempervirens
Liatris pycnostachya
Platycodon grandiflorum
Sedum Spectabile

PLANTS FOR WET OR MARSHY PLACES

Deciduous Trees

Acer rubrum, 50'-75'
Betula nigra, 50'-60'
Larix leptolepis, 50'-60'
Liquidamber styraciflua, 50'-60'
Quercus palustris, 75'-90'
Quercus phellos, 75'-90'
Salix babylonica, 50'-60'
Taxodium distichum, 100'
Ulmus americana, 80'-100'

Shrubs

Aronia arbutifolius, 6'-8'
Aronia melanocarpa, 8'-10'
Azalea viscosa, 4'-5'
Benzoin aestivalis, 10'-12'
Calycanthus floridus, 4'-5'
Cephalanthus occidentalis, 4'-5'
Clethra alnifolia, 4'-5'
Cornus amomum, 8'-9'
Cornus stolonifera, 7'-8'
Ilex glabra, 5'-6'
Ilex verticillata, 6'-8'
Rhododendron canadense, 4'
Sorbaria sorbifolia, 5'-6'
Viburnum cassinoides, 5'-6'
Viburnum dentatum, 10'-12'
Viburnum lentago, 18'-20'

Herbaceous Perennials

Aruncus sylvestris
Asclepias tuberosa
Aster novae-angliae
Boltonia latisquama
Caltha palustris
Cimicifuga racemosa
Helenium autumnale
Hemerocallis
Hibiscus moscheutos
Iris chrysographes
Iris forrestii
Iris kaempferi
Iris sibirica
Liatris spicata
Lobelia cardinalis
Lobelia siphilitica
Lythrum salicaria roseum
Myosotis scorpioides (palustris)
Physostegia virginica
Primula cachemiriana
Primula japonica
Primula japonica, Red Hugh
Primula pulverulenta
Trollius europaeus
Trollius, Orange Globe

PLANTS FOR WALL-GARDENING

Achillea lewisi	Erysimum pulchellum
Achillea tomentosa	Geranium sanguineum & varieties
Aethionema (all)	Gypsophila repens
Alyssum (all listed)	Helianthemum in variety
Androsace chumbyi	Hypericum coris
Androsace lanuginosa	Hypericum repens
Antennaria dioica	Hypericum reptans
Arabis in variety	Leontopodium alpinum
Arenaria montana	Lithospermum prostratum, Heavenly Blue
Aubrietia in variety	Oenothera missouriensis
Calamintha alpina	Oenothera speciosa
Campanula garganica	Phlox subulata and varieties
Campanula portenschlagiana	Plumbago larpentae
Campanula pusilla	Primula auricula (shady)
Cerastium tomentosum	Saponaria ocymoides
Chieranthus allioni	Sedum (all except spectabile)
Dianthus allwoodi	Sempervivum (all)
Dianthus arenarius	Silene alpestris
Dianthus arvernensis	Silene maritima fl.-pl.
Dianthus caesius	Silene schafta
Dianthus deltoides	Statice armeria
Dianthus neglectus	Teucrium chamaedrys
Dianthus plumarius, & garden var.	Thymus (all)
Dracocephalum	Tunica saxifraga
Erinus alpinus	Veronica pectinata
Erysimum linifolium	Veronica teucrium rupestris & var

PLANTS FOR SPACES BETWEEN FLAGSTONE
AND ROCK WALKS

Achillea lewisi	Sedum dasphyllum
Achillea tomentosa	Sedum hispanicum
Antennaria dioica	Sedum lydium
Arenaria caespitosa	Sedum middendorffianum
Campanula pusilla	Sedum nevi
Erinus alpinus	Sedum oreganum
Erysimum pulchellum	Sedum pruinaum
Euonymus radicans minimus	Sedum sexangulare
Linaria pallida	Sedum spath. purpureum
Menthella requieni	Sedum ternatum
Nierembergia rivularis	Sempervivums (all)
Phlox subulata varieties (for large steps)	Silene alpestris
Sedum acre	Statice armeria
Sedum anglicum	Thymus (all)
Sedum brevifolium	Tunica saxifraga
	Veronica repens

GROUND COVERS

For Shady Places

Ajuga reptans
Asarum shuttleworthi
Chimaphylla maculata
Convallaria majalis
Epigaea repens
Euonymus radicans coloratus
Euonymus radicans minimus
Gaultheria procumbens
Hedera helix and varieties
Mitchella repens
Pachistima canbyi
Pachysandra terminalis
Shortia galacifolia
Taxus canadensis
Vaccinium vitis-idaea
Veronica filiformis
Veronica repens
Vinca minor

For Sunny Places

Arctostaphylos uva-ursi
Arenaria caespitosa
Calluna vulgaris and varieties
Helianthemum in variety
Juniperus chinensis sargentii
Juniperus communis depressa
Juniperus communis montana
Juniperus horizon. Bar Harbor
Juniperus horizontalis plumosa
Juniperus sabina tamariscifolia
Juniperus squamata
Leiophyllum buxifolium
Pachysandra terminalis
Phlox subulata
Sedum in variety
Thymus serpyllum
Veronica teucrium rupestris
Zanthorhiza apiifolia

BERRY-BEARING TREES AND SHRUBS

Red Berries

Aronia arbutifolia, 8'-10'
Benzoin aestivale, 10'-12'
Berberis aggregata pratti, 8'-10'
Berberis thunbergi, 4'-5'
Berberis verna, 5'-6'
Cornus florida, 15'-25'
Cornus kousa, 15'-20'
Cornus mas, 15'-20'
Cotoneaster apiculata, 6'-7'
Cotoneaster dielsiana, 6'-8'
Cotoneaster divaricata, 6'-7'
Cotoneaster franchetti, 7'-8'
Cotoneaster horizontalis, 1'-1½'
Cotoneaster horizon. perpusilla
Cotoneaster hupehensis, 5'-6'
Cotoneaster lemoinei, 5'-6'
Cotoneaster racem. soong., 5'-6'
Cotoneaster rotundifolia, 7'-8'
Cot. salici floccosa, 15'-16'
Cotoneaster Simonsi, 5'-6'
Crataegus coccinea, 15'-20'
Crataegus cordata, 12'-15'
Crataegus crus-galli, 15'
Elaeagnus longipes, 6'-8'
Elaeagnus umbellata, 8'-10'
Euonymus alatus, 9'-10'
Euonymus europaeus, 12'-14'
Euonymus radicans vegetus
Ilex opaca, 25'-30'
Ilex verticillata, 6'-8'
Lonicera korolk. florib., 8'-10'
Lonicera maackii, 8'-9'
Lonicera minutiflora, 7'-9'
Lonicera morrowi, 7'-8'
Lonicera syringantha wolffi, 4'
Lonicera tatarica, 9'-10'
Malus floribunda, 12'-15'
Malus sargentii, 8'-9'
Nyssa sylvatica, 60'-70'
Photinia villosa, 12'-15'
Pyracantha cocc. lalandi, 8'-10'
Rhus canadensis, 3'-5'
Rosa blanda, 4'-5'
Rosa rubiginosa, 5'-6'
Rosa rugosa, 4'-5'
Sorbus aucuparia, 25'-30'
Symphoricarpos chenaulti, 4'-5'

Symphoricarpos vulgaris, 4'-5'
Viburnum americanum, 8'-9'
Viburnum dilatatum, 8'-9'
Viburnum opulus, 9'-10'
Viburnum wrighti, 8'-10'

White Berries

Cornus alba sibirica, 8'-10'
Cornus paniculata, 10'-12'
Cornus stolonifera, 7'-8'
Myrica carolin. (gray), 2'-10'
Pachysandra terminalis, 8''-10''
Symphoricarpos racem., 5'-6'

Yellow Berries

Elaeagnus angustifolia, 15'-18'

Black Berries

Amelanchier canadensis, 25'
Aronia melanocarpa, 8'-10'
Berberis atrocarpa, 5'-6'
Berberis verruculosa, 2'-8'
Cotoneaster acutifolia, 8'-10'
Ilex crenata bullata, 4'-5'
Ilex crenata microphylla, 6'-8'
Ilex glabra, 5'-6'
Ligustrum regelianum, 4'-5'
Rhamnus cathartica, 9'-10'
Rhamnus frangula, 10'-12'
Rhodotypus kerrioides, 4'-5'
Viburnum acerifolium, 4'-5'
Viburnum lantana, 15'-18'
Viburnum prunifolium, 12'-15'
Viburnum sieboldi, 9'-10'

Deep Blue-Black Berries

Berberis gagnepaini, 5'-6'
Berberis julianae, 6'-7'
Berberis tricanthophora, 4'-5'
Vaccinium corymbosum, 4'-12'
Viburnum cassinoides, 5'-6'
Viburnum dentatum, 10'-12'
Viburnum lentago, 25'-30'

Blue Berries

Ampelopsis heterophyll., 30'-40'
Callicarpa purp. (mauve), 3'-4'
Cornus amomum, 8'-9'
Symplocos paniculata, 30'-40'

PLANTS WITH DISTINCTIVE BARK

Acer pennsylvan. (Striped bark)
Betula alba (White bark)
Betula nigra (Papery brown bk)
Betula pap. (Papery white bark)
Betula populifol. (Creamy bark)
Carpinus bet. (Blue-gray bark)
Cornus alba sib. (Bright red bk.)
Cornus paniculata (Gray bark)
Cornus stol. lutea (Yellow bark)
Cornus stolon. (Deep red bark)
Elaeagnus (Silvery bark)

Euonymus alatus (Corky-winged bark)
Fagus varieties (Gray bark)
Kerria japonica (Green bark)
Laburnum vulgare (Green bark)
Liquidambar styraciflua (Corky ridged bark)
Platanus orientalis (Spotted creamy yellow bark)
Rosa lucida alba (Green bark)
Rosa rubrifolia (Dull red bark)
Tilia platy. aurea (yellow bark)

PLANTS SUITABLE FOR HEDGES

Evergreens

TALL

Berberis julianae
Chamaecyparis pisifera and var.
Euonymus patens
Picea excelsa
Pinus strobus
Taxus cuspidata capitata
Thuja occidentalis and varieties
Tsuga canadensis

LOW

Berberis triacanthophora
Berberis verruculosa
Buxus
Chamaecyparis obtusa gracilis
Ilex crenata bullata
Ilex crenata microphylla
Juniperus chinensis pfitzeriana
Mahonia aquifolia
Taxus cuspidata
Taxus cuspidata nana
Taxus media
Thuja occidentalis compacta
 and dwarf varieties
Thuja occ. Little Gem
Thuja orientalis nana aurea

Deciduous

TALL

Acer ginnala
Carpinus betulus
Cotoneaster acutifolia
Crataegus coccinea
Crataegus crusgalli
Crataegus oxycantha
Euonymus alatus
Fagus sylvatica
Hibiscus syriacus
Ligustrum ovalifolium
Lonicera minutiflora
Photinia villosa
Rhamnus frangula
Syringa vulgaris
Viburnum dentatum
Viburnum prunifolium

LOW

Berberis thunbergi
Berberis vernae
Cotoneaster divaricata
Cydonia japonica
Deutzia gracilis
Ligustrum ovalifolium (clipped)
Ligustrum regelianum
Philadelphus lem. and varieties
Rhodotypos kerriodes
Rosa rugosa
Spiraea Anthony Waterer
Spiraea thunbergi
Spiraea trilobata
Spiraea van houttei
Stephanandra flexuosa
Viburnum opulus nana

VINES

Flowering

Actinidia
Bignonia
Clematis
Hydrangea petiolaris
Lonicera
Polygonum
Rosa wichuriana and varieties
Wisteria

Foliage

Actinidia
Akebia
Ampelopsis
Euonymus
Hedera
Lonicera
Rosa

Rapid Growth

Actinidia
Clematis
Polygonum

Fruiting

Actinidia
Akebia
Ampelopsis heterophylla
Celastrus
Clematis

Self-Clinging (by roots)

Ampelopsis tricuspid. (veitchi)
Ampelopsis tricuspidata lowi
Bignonia
Euonymus
Hedera
Hydrangea petiolaris

Self-Clinging (tendrils or stalks)

Actinidia
Ampelopsis heterophylla
Ampelopsis quinquefolia
Celastrus
Clematis
Lonicera
Wisteria

EVERGREEN CONIFERS

Tall

Abies concolor, 50'-60'
Abies homolepis, 60'-80'
Abies nordmanniana, 80'-100'
Abies veitchii, 50'-60'
Cedrus atlantica glauca, 50'-60'
Cedrus Libani, 60'-80'
Chamaecyparis pisifera, 30'-40'
Chamaecyparis pis. aur., 30'-40'
Chamaecyparis plumosa, 35'-40'
Chamaecyparis plu. aur., 30'-35'
Chamaecyparissquarrosa, 30'-40'
Cryptomeria jap. lobbi, 50'-60'
Juniperus virginiana, 30'-50'
Picea canadensis, 50'-60'
Picea excelsa, 80'-100'
Picea excelsa pyramid., 40'-50'
Picea koyamai, 40'-50'
Picea omorika, 60'-80'
Picea orientalis, 60'-80'
Picea polita, 60'-80'
Picea pungens, 70'-80'
Picea pungens glauca, 70'-80'
Picea pungens Kosteri, 50'-60'
Pinus densiflora, 50'-60'
Pinus excelsa, 50'-60'
Pinus flexilis, 35'-40'
Pinus nigra, 50'-60'
Pinus resinosa, 60'-70'
Pinus strobus, 80'-100'
Pinus strobus fastigiata, 35'-40'
Pinus sylvestris, 40'-50'
Pinus thunbergii, 60'-70'
Pseudotsuga douglasi, 70'-80'
Thuja occidentalis, 35'-40'
Thuja occiden. pyramid., 25'-30'
Thuja orientalis, 25'-30'
Thuja plicata atrovirens, 35'-40'
Tsuga canadensis, 70'-80'
Tsuga caroliniana, 40'-50'

Medium Height

Cryptomeria dactyl., 15'-20'
Chamaecyparis obtusa, 20'-25'
Chamaecyparis obt. mag., 25'-30'
Chamaecyparis youngii, 20'-25'
Chamaecyparis filifera, 20'-25'
Juniperus chinensis, 18'-20'
Jun. chin. columnaris, 20'-25'
Jun. chin. col. viridis, 20'-25'
Juniperus chin. fortunei, 12'-15'
Jun. chin. neoboriensis, 8'-10'
Juniperus chin. oblonga, 10'-12'
Juniperus virg. burki, 12'-15'
Juniperus virg. cannarti, 20'-25'
Jun. virg. elegantissima, 15'-18'
Juniperus virg. glauca, 20'-25'
Juniperus virg. keteleeri, 18'-20'
Juniperus virg. schottii, 20'-25'
Pinus cembra, 25'-30'
Sciadopitys verticillata, 20'-25'
Taxus cusp. capitata, 20'-25'
Taxus cuspidata hatfieldi, 15'
Thuja occ. doug. aurea, 15'-20'
Thuja occ. doug. pyramid., 20'-25'
Thuja occ. elegant., 15'-20'

Thuja occ. lutea, 12'-15'
Thuja occ. riversi, 10'-12'
Thuja occ. rosenthali, 10'-12'
Thuja occ. vervaeneana, 10'-12'
Thuja occ. wareana, 12'-15'
Thuja orient. conspicua, 10'-12'
Thuja orient. elegant., 10'-12'
Thuja standishi, 12'-15'

Shrubby

Chamaecyparis ob. comp., 3'-4'
Cham. obt. cripp., (slow) 8'-10'
Cham. obt. grac. (slow), 10'-12'
Cham. obt. grac. compacta, 6'-8'
Cham. pis. fil. aurea, 10'-12'
Cham. pis. fil. aureo-var., 8'-10'
Juniperus chin. albo var., 8'-10'
Juniperus chin. japonica, 4'-5'
Juniperus chin. pfitzeriana, 5'-6'
Juniperus canadensis, 3'-4'
Juniperus communis, 3'-4'
Juniperus excelsa stricta, 5'-6'
Juniperus sabina, 5'-6'
Jun. squamata meyeri, 6'-8'
Juniperus suecica nana, 3'-4'
Juniperus virg. globosa, 4'-5'
Juniperus virg. smithii, 6'-8'
Picea excelsa clanbrasiliensis, 4'-5'
Picea excelsa conica, 6'-8'
Picea glauca conica, 5'-6'
Pinus densif. umbrac., 8'-10'
Pieris floribunda, 4'-5'
Pieris japonica, 6'-7'
Taxus bac. comp. (slow), 10'-12'
Taxus bac. erecta, 8'-10'
Taxus bac. washington, 6'-8'
Taxus cuspidata, 10'-12'
Taxus cusp. Anderson, 12'-15'
Taxus cuspidata nana, 5'-6'
Taxus cuspidata nigra, 6'-8'
Taxus media, 10'-12'
Taxus media hicksii, 10'-12'
Taxus sieboldii, 10'-12'
Thuja occ. compacta, 4'-5'
Thuja occ. globosa, 3'-4'
Thuja occ. hoveyi, 3'-4'
Thuja occ. pumila, 3'-4'
Thuja occ. woodwardii, 3'
Thuja occ. umbraculifera, 3'-4'
Thuja orient. aurea nana, 4'-5'
Thuja orient. bakeri, 5'-6'
Thuja orient. compacta., 4'-5'
Tsuga canad. pendula, 6'-8'

Low or Prostrate

Chamaecy. squarrosa nana, 2'
Chamaecyparis plu. lutescens, 3'
Chamaecyparis plu. nana, 2'
Juniperus chin. sargentii, 2'-2½'
Juniperus com. aurea, 2'-2½'
Jun. com. montana, 1½'-2'
Juniperus conferta, 9"-12"
Juniperus horizontalis, 1'-1½'
Junip. hor. Bar Harbor, 6"-12"
Juniperus hor. douglasi, 9"-12"
Juniperus hor. glauca, 1'-1½'
Juniperus hor. hudsonica, 1'-2'

EVERGREEN CONIFERS—Continued

<i>Juniperus hor. plumosa</i> , 1'-2'	<i>Picea excelsa pumila</i> , 3'
<i>Juniperus sab. tamar.</i> , 1'-2'	<i>Picea excelsa repens</i> , 1½'
<i>Juniperus squamata</i> , 1'-2'	<i>Pinus mugho</i> , 3'
<i>Juniperus squa. variegata</i> , 1'-2'	<i>Taxus bacc. repandens</i> , 2'-2½'
<i>Picea excel. maxwelli</i> , 1½'-2'	<i>Taxus canadensis</i> , 2½'-3'
<i>Picea excelsa procumbens</i> , 2'	<i>Thuja occ. Little Gem</i> , 2'-2½'

BROAD LEAVED EVERGREENS

<i>Abelia grandiflora</i> , 5'-6'	<i>Ilex opaca</i> , 30''-40''
<i>Arctostaph. uva ursi</i> , 4''-6''	<i>Kalmia latifolia</i> , 6'-8'
<i>Azalea Akebona</i> , 6'-8'	<i>Laurocerasus schipkaensis</i> , 4'-6'
<i>Azalea. amoena</i> , 4'-5'	<i>Lavendula vera</i> , 1½'-2'
<i>Azalea fujimayo</i> , 5'-6'	<i>Lieophyllum buxifolium</i> , 1'-2'
<i>Azalea hinodegiri</i> , 4'-5'	<i>Leucothoe catesbaei</i> , 3'-4'
<i>Azalea kaempferi hybrids</i> , 3'-4'	<i>Lithospermum prostrat.</i> , 4''-6''
<i>Azalea macrantha</i> , 3'-4'	<i>Lonicera fragrantissima</i> , 6'-8'
<i>Berberis gagnepaini</i> , 4'-5'	<i>Lonicera japonica halliana</i> , vine
<i>Berberis julianae</i> , 6'-7'	<i>Mahonia aquifolium</i> , 3'-4'
<i>Berberis triacanthophora</i> , 4'-5'	<i>Mitchella repens</i> , vine, 2''
<i>Berberis verruculosa</i> , 3'-3½'	<i>Pachistima canbyi</i> , 6''-9''
<i>Calluna vulgaris</i> , 6''-15''	<i>Pachysandra terminalis</i> , 6''-9''
<i>Chimaphila maculata</i> , 6''-8''	<i>Pieris floribunda</i> , 4'-5'
<i>Cotoneaster franchetti</i> , 8'-10'	<i>Pieris japonica</i> , 6'-7'
<i>Cotoneaster horizontalis</i> , 2'-2½'	<i>Potentilla tridentata</i> , 10''-12''
<i>Coton. hor. perpusilla</i> , 1'-2'	<i>Pyracantha coccinea</i> , 8'-10'
<i>Cotoneaster microphylla</i> , 2'-3'	<i>Pyracantha cocc. lalandi</i> , 15'-18'
<i>Cotoneaster thymifolia</i> , 2'-3'	<i>Rhododendron carolinian.</i> , 5'-6'
<i>Daphne cneorum</i> , 1'	<i>Rhododendron catawb.</i> , 8'-10'
<i>Euonymus patens</i> , 8'-10'	<i>Rhododendron Hybrids</i> , 4'-12'
<i>Euonymus radicans</i> , vine	<i>Rhododendron maxi.</i> , 12'-15'
<i>Euonymus rad. coloratus</i> , vine	<i>Rhododendron minus</i> , 6'-8'
<i>Euonymus radicans vegetus</i> , vine	<i>Stranvaesia davidiana</i> , 12'15'
<i>Caultheria procumbens</i> , 4''-6''	<i>Teucrium chamaedrys</i> , 12''-15''
<i>Hedera helix</i> and varieties, vine	<i>Thymus citriodorus</i> , 6''-9''
<i>Hedera helix conglom.</i> , 1½'-2'	<i>Vaccinium vitis-idea</i> , 6''-9''
<i>Ilex crenata</i> , 12''-15''	<i>Viburnum rhytidophy.</i> , 8'-10'
<i>Ilex crenata bullata</i> , 3'-4'	<i>Vinca minor</i> , vine
<i>Ilex crenata microphylla</i> , 8'-10'	<i>Yucca filamentosa</i> , 2'-3'
<i>Ilex glabra</i> , 4'-6'	

SEASHORE PLANTING

Trees

Acer rubrum
Betula papyrifera
Betula populifolia
Crataegus coccinea
Crataegus crusgalli
Juniperus virginiana
Larix europaea
Picea alba
Picea pungens
Picea pungens kosteri
Pinus montana mughus
Pinus nigra
Pinus resinosa
Pinus sylvestris
Pinus thunbergi
Platanus orientalis
Populus bolleana
Populus eugenei
Populus nigra italica
Quercus rubra
Salix elegantissima

Shrubs

Berberis thunbergi
Calluna vulgaris
Clethra alnifolia
Hydrangea arborescens grandifl.
Hypericum aureum
Ilex verticillata
Ligustrum ovalifolium
Ligustrum regelianum
Lonicera tatarica
Myrica carolinensis
Prunus maritima
Rhodotypos kerriodes
Rhus canadensis
Rosa regosa
Symphoricarpos vulgaris
Viburnum cassinoides
Viburnum dentatum
Viburnum lentago

PLANTS FOR AUTUMN COLORING

Trees

<i>Acer ginnala</i> , 12'-20'
<i>Acer rubrum</i> , 50'-75'
<i>Acer saccharum</i> , 50'-75'
<i>Betula lutea</i> , 90'-100'
<i>Carpinus caroliniana</i> , 25'-35'
<i>Cercidiphyllum japon.</i> , 50'-80'
<i>Cornus florida</i> , 15'-25'
<i>Crataegus cordata</i> , 15'-25'
<i>Halesia tetraptera</i>
<i>Liquidamber styracifl.</i> , 50'-60'
<i>Nyssa sylvatica</i> , 40'-60'
<i>Oxydendrum arboreum</i> , 25'-30'
<i>Quercus alba</i> , 100'
<i>Quercus coccinea</i> , 75'-90'
<i>Quercus palustris</i> , 75'-90'
<i>Quercus rubra</i> , 75'-90'

Shrubs

<i>Aronia arbutifolia</i> , 6'-8'
<i>Aronia melanocarpa</i> , 8'-10'
<i>Berberis thunbergi</i> , 4'-5'
<i>Berberis triacanthophora</i> , 4'-5'
<i>Berberis verna</i> , 5'-6'
<i>Celastrus scandens</i>
<i>Clethra alnifolia</i> , 7'-8'
<i>Cornus alternifolia</i> , 15'-18'
<i>Cornus paniculata</i> , 10'-12'
<i>Cotoneaster</i> in variety
<i>Enkianthus campanul.</i> , 12'-15'
<i>Euonymus alatus</i> , 9'-10'
<i>Euonymus americanus</i> , 7'-8'
<i>Hydrangea quercifolia</i> , 3'-4'
<i>Mahonia aquifolia</i> , 3'-4'
<i>Photinia villosa</i> , 12'-15'
<i>Rhus canadensis</i> , 3'-4'
<i>Rhus cotinus</i> , 12'-15'
<i>Styrax japonica</i> , 18'
<i>Vaccinium corymbosum</i> , 5'-6'
<i>Viburnum</i> (all species)

NUMBER OF TREES OR PLANTS FOR AN ACRE

Distance Apart	No. of Plants	Distance Apart	No. of Plants
3x3 inches -----	696,960	4 x4 feet ----	2,722
4x4 inches -----	392,040	4 1/2 x4 1/2 feet ----	2,151
6x6 inches -----	173,240	5 x1 feet ----	8,712
9x9 inches -----	77,440	5 x2 feet ----	4,356
1 x1 feet -----	43,560	5 x3 feet ----	2,904
1 1/2 x1 1/2 feet -----	19,360	5 x4 feet ----	2,178
2 x1 feet -----	21,780	5 x5 feet ----	1,742
2 x2 feet -----	10,890	5 1/2 x5 1/2 feet ----	1,417
2 1/2 x2 1/2 feet -----	6,960	6 x6 feet ----	1,210
3 x1 feet -----	14,520	6 1/2 x6 1/2 feet ----	1,031
3 x2 feet -----	7,260	7 x7 feet ----	881
3 x3 feet -----	4,840	8 x8 feet ----	680
3 1/2 x3 1/2 feet -----	3,555	9 x9 feet ----	537
4 x1 feet -----	10,890	10 x10 feet -----	435
4 x2 feet -----	5,445	11 x11 feet -----	360
4 x3 feet -----	3,630	12 x12 feet -----	302

To find the number of trees that can be planted per acre at other distances than those given above multiply the distance in feet between the rows by the distance between the plants in the row and divide the result into 43,560, which is the number of square feet in an acre of ground. The result of this division will give the number of trees per acre. For instance, trees 6 feet by 8 feet apart:

6 times 8 equals 48 sq. ft. occupied by each tree.

Square feet per acre—43,560.

43,560 divided by 48 equals 907.

Information on any matters pertaining to plants and planting will be gladly given on request, and we expect to maintain a stock of the following supplies, prices of which will be quoted as needed.

BOOKS ON HORTICULTURE

FERTILIZERS AND HUMUS

LAWN GRASS SEED

PEAT MOSS HORTICULTURAL

SPRAY MATERIALS

STONE FOR ROCK GARDENS

TOOLS AND SUPPLIES

QUANTITY OF PLANTS FOR FILLING BEDS

Our table is based on round beds, the outer row being planted one-half the distance from the edge that the bulbs or plants stand apart. For a square bed, add 25% to the number required for a round bed of the same diameter. For an oval bed, length and width is to be added and then divided by 2, thus: 8 and 6 feet equals 14 feet, divided by 2, gives 7 feet. Such a bed requiring the same number of bulbs or plants as a round bed 7 feet in diameter.

Diameter of Round Bed	Planted 4 in. Apart	Planted ½ ft. Apart	Planted 1 ft. Apart	Planted 1½ ft. Apart	Planted 2 ft. Apart
3 feet	65	30	8		
4 "	125	50	13	7	
5 "	175	83	21	10	
6 "	265	118	30	15	8
7 "	350	158	40	20	10
8 "	460	206	52	25	13
10 "	720	325	82	40	20
12 "	1020	456	115	57	30
14 "	1400	615	155	78	40
16 "	1820	810	202	100	50
18 "	2290	1020	255	126	64
20 "	2840	1260	315	156	78

HOW MANY PER FRAME

When small sizes are transplanted into beds or frames, some estimate of the area required can be made from the following figures. If the frame or bed is 6 feet wide and 100 feet long, the following quantities of plants set out at these distances will fill the frame:

Planting Distance	Trees per Bed
4x 4 inches	5,400
5x 5 inches	3,456
6x 6 inches	2,400
7x 7 inches	1,763
8x 8 inches	1,333
10x10 inches	864
12x12 inches	600

MULCHING TABLE

1 cubic yard will cover

- 50 square feet to a thickness of 6 inches
- 100 square feet to a thickness of 3 inches
- 150 square feet to a thickness of 2 inches
- 300 square feet to a thickness of 1 inch
- 600 square feet to a thickness of ½ inch

1 bale of Peat will cover

- 250 square feet to a thickness of 1 inch

1 cubic yard of Top Soil will plant

- 5 trees or 10 shrubs of average nursery size.

1 cubic yard of Cow Manure will fertilize

- 30 trees or 60 shrubs of average nursery size.

SUITABLE DISTANCES FOR PLANTING

Large street trees.....	50 to 60 feet apart.
Medium street trees.....	40 to 50 feet apart.
Small street trees.....	30 to 40 feet apart.
Large shrubs.....	8 to 10 feet apart.
Medium shrubs.....	4 to 6 feet apart.
Small shrubs.....	2 to 3 feet apart.
Herbaceous Perennials.....	6 to 18 inches apart.
Ground covers	6 to 12 inches apart.

QUANTITY OF COMMERCIAL FERTILIZER TO APPLY
ON SMALL AREAS

100 lbs. per acre equals approximately	1 lb. per 436 square feet.
200 " " " " " "	1 " " 218 " "
300 " " " " " "	1 " " 145 " "
400 " " " " " "	1 " " 109 " "
500 " " " " " "	1 " " 87 " "
600 " " " " " "	1 " " 72 " "
700 " " " " " "	1 " " 62 " "
800 " " " " " "	1 " " 55 " "
900 " " " " " "	1 " " 48 " "
1000 " " " " " "	1 " " 44 " "

Some Facts About Controlling Insects on Ornamental Plants

Because of the many different kinds of ornamental plants and the thousands of insects attacking these plants it is impossible to give control methods here for all these insects. Therefore, this brief article is presented on some of the fundamental principles of insect control. Difficult cases of insect control should be referred to us or to your State Entomologist for advice.

IMPORTANCE OF FEEDING HABITS

The method of controlling any specific insect is largely determined by the manner it obtains its food. If it bites off, chews and swallows solid particles of the foliage, bloom or fruit it can often be best controlled by stomach poisons, such as arsenate of lead, fluorine compounds, etc.; if it obtains its food by inserting its mouth parts through the surface and sucking out the plant juice, one must use contact poisons, such as nicotine, rotenone, pyrethrum, etc. The above two methods are effective where the insects feed upon exposed surfaces. If they bore inside the leaves, fruit, stems, trunk or roots, other methods are often necessary. Thus, how the insects feed and their habits have an important place in how to control them.

STOMACH POISONS

The most common stomach poison for use on ornamental plants is arsenate of lead. It may be obtained in a white powdery material, or in a paste form. The powder is usually used at the rate of 1½ pounds to 50 gallons of water or in smaller quantities 1 ounce to 2 gallons or 1 rounding teaspoonful to 1 quart of water. Spray thoroughly all parts of the plant likely to be fed upon.

Powdered derris root or powdered pyrethrum flowers or dusts containing these insecticides also have some value as stomach poisons for ornamental plants where one does not wish to use an arsenical poison. These powders may be dusted upon the plants or applied as a spray by diluting at the rate of 1 pound to 3 to 5 gallons of water. They act as contact poisons and repellents as well as stomach poisons, but will not protect the plants for as long a time as lead arsenate against leaf eating insects.

Stomach poisons may be used against insects such as most beetles, grasshoppers, caterpillars, etc. They are not effective against plant lice, scale insects, leaf hoppers, various plant bugs, etc.

CONTACT SPRAYS

Contact sprays are of two kinds. Those used on plants during the growing season and known as summer contact sprays, and those used on hardy plants while they are in a resting or dormant stage, are known as dormant sprays.

Summer contact sprays are of many kinds. The most common ones contain either nicotine, extracts of pyrethrum flowers (pyrethrins) or extracts of derris or cube roots (principally rotenone) as the principal killing agent in water, alcohols or oils. Soaps and the so-called white oils are also effective against some insects, such as plant lice, crawling stages of scale insects or other young insects. There are so many different kinds of contact sprays and they vary so much in their composition and formulae that general directions are difficult to give. State and Federal laws require that they be true to label and directions; therefore, they should be used as directed on the containers.

Contact sprays kill by wetting the surface of the insect to be killed. Therefore, the spraying should be thoroughly applied to all parts of the plant, both upper and lower leaf surfaces. Many contact sprays contain either soap, oils or other materials to make the diluted spray wet better. If they do not contain a wetting agent or if the dilution with water is rather high they can often be made more effective by adding soap. Powdered or dry soaps should be used 1 part to about 200 parts of the diluted spray. Liquid soap should be used diluted from 2 to 4 times as much as the actual amount of soap they contain. Thus, a liquid soap containing 15% actual soap should be added 1 part to 30 to 60 parts of the diluted insecticide spray or liquid soap containing 40% actual soap should be added 1 part to 80 to 160 parts of the diluted insecticide. The concentration of soap will depend upon how hard the insects are to kill and whether the plants are tender or hardy.

The insects controlled with summer contact sprays may be divided into several groups according to their habits and difficulty of control. These groups are as follows:

PLANT LICE (also called aphids and green fly), infest many different kinds of plants. Soft bodied, whitish, green, brown or sometimes almost black in color, usually not more than ¼ inch long. Generally found clustered on the under surface of leaves, or along the new growth of stems. To control, dip or spray

plants in any of the summer contact sprays diluted with water as recommended on the container. Be careful to wet the lower surface of the leaves. It is often advisable to give a second treatment in 5 or 6 days.

PLANT BUGS. such as leaf hoppers, tarnished plant bugs, "white fly," thrips, etc. All are sucking insects and they are more active than plant lice, therefore, much more difficult to wet all the insects with the spray material. Use summer contact sprays as recommended on the container or at strength slightly stronger than recommended for plant lice. Use considerable volume of spray where possible and wet lower surface of leaves. It is often necessary to give 3 or 4 treatments at weekly intervals. Nicotine or pyrethrum dusts are very good where plants are crowded or close together.

MEALY BUGS. These are sucking insects covered with a white, powdery or woolly, wax-like material. The eggs are pinkish, small, laid in masses of 100 or more and covered with the white, woolly, wax-like material. Both the insects and egg masses are difficult to wet with the spray material. Sprays containing nicotine are usually better for mealy bugs than those containing pyrethrum or rotenone. Sprays containing summer oil or wetting agents with oil are more effective than soap or other common wetting materials. Spray with considerable force and where possible repeat the applications at 3 or 4 day intervals until the infestation is cleaned up. Large masses of mealy bugs or egg masses that are hard to wet may be painted with a solution of the spray material 4 to 6 times as strong as recommended for control of plant lice. After a few minutes or when these painted places have been wet thru syringe with clean water and spray with the regular strength recommended for mealy bugs.

SCALE INSECTS. Two types are commonly found on ornamental plants. One type is called armored scales because the body is covered with a round or oval, flat, wax-like scale, usually not more than $\frac{1}{8}$ inch in diameter. The second type is called soft scales, because they have no protecting waxy scale, or they are sometimes called lecanium scales because of their shape. They are usually oval in outline, flat to hemispherical in shape and from $\frac{1}{4}$ to $\frac{3}{8}$ inch in greatest diameter. Both types are difficult to control with summer sprays after they become half grown or more. Regular spraying at about 10-day intervals with a summer contact spray about twice as strong as recommended for control of plant lice will kill the young insects and clean up an infestation. Contact sprays containing summer oils are more effective against scale insects than those containing soap as the wetting agent. On hardy ornamental plants scale insects are best controlled by a delayed dormant application of miscible oil or concentrated lime sulfur solution.

SPIDER MITES. A number of different kinds infesting many plants. They are extremely small, greenish, reddish or brown, 4-legged creatures. They occur most abundantly on the lower surface of the leaves, often several hundred to a single leaf. Their injury can be determined by the fine speckled or mottled greenish or brownish appearance on the upper surface of the leaves. The small, round, pinkish eggs or white empty egg shells or cast skins are usually abundant and easily seen with a magnifying glass.

Summer sprays containing pyrethrum or rotenone are more effective against spider mites than those containing nicotine. Sprays containing summer oils are also more effective than those containing soap or no wetting materials. The sprays should be diluted as directed on the container or usually at a strength about twice that given for plant lice. Be careful to wet the lower surface of all leaves and give two or three applications at intervals of about a week. Thorough applications with superfine ground sulphur dust has been found most effective. The overwintering eggs of spider mites on hardy plants may be destroyed by delayed dormant applications of a miscible oil.

OTHER INSECTS. There are many other insects such as beetles of various kinds, some caterpillars, etc., that may be killed by summer contact sprays. If they are hardy insects the spray should be used from two to three times as strong as recommended for plant lice.

DORMANT CONTACT SPRAYS

Dormant sprays are used for the control of the overwintering stage of certain insects on hardy plants. The dormant condition of the trees makes possible a stronger spray solution and the absence of foliage on deciduous plants permits a more thorough application. Dormant sprays usually consist of oils made miscible with water or concentrated solutions of lime sulfur liquid. The miscible oils are usually used at dilutions of 1 part to 15 to 20 parts of water and the lime sulfur solution at a dilution of 1 part to 9 parts of water. Oil sprays are usually to be preferred but should not be used on hard maples, hickory, walnut, upright type of junipers, or evergreen trees where the "bloom" will be destroyed. Lime sulfur should be used on such trees. Lime sulfur should not be used near buildings as it discolors badly.

Dormant sprays are usually used for the control of the eggs of plant lice, spider mites and other stages of insects that might hibernate on the trees or shrubs.

INSECTS INJURING THE ROOTS OF PLANTS

The most common forms are various plant lice, wire worms, various kinds of white grubs, such as the Japanese beetle grubs, weevil grubs of several kinds and nematodes. Plant lice may sometimes be controlled by mulching with $\frac{1}{8}$ to $\frac{1}{4}$ inch of tobacco powder or by watering the plants with a nicotine solution at the strength used for spraying plant lice. Root infesting plant lice are often attended by ants; therefore, control of the ants will help in getting rid of the root aphids.

BORING INSECTS

There are many insects that bore on the inside of the trunk, stem, twigs or even the foliage of plants. Usually they cannot be reached with either a contact spray or a stomach poison spray. When they occur in woody plants and make a distinct opening to the outside through which the borings are pushed they may be destroyed by poking with a flexible twig or by poking a small rag dipped in free nicotine into the hole or by injecting a nicotine paste material into the hole. A second type of wood borers tunnel in the cambium layer of the bark or in the sap wood. They are usually not found until considerable damage has been done. Stimulating plant growth by watering and the use of fertilizers will help to prevent their occurrence as they usually attack trees that have been transplanted or that have been weakened from some other cause.

Borers infesting herbaceous plants such as the common stalk borer, the iris borer, etc., often pass the winter in the egg stage on the foliage of dead plants. The raking up and burning of these dead plant remains will help very much in keeping down infestations of these borers.

RABBIT AND RODENT REPELLANT

Sulphonated oil is a new remedy for the protection of fruit and shade trees from the ravages of rabbits, mice and other rodents, which often do much damage in winter. Trees sprayed or painted with the oil are entirely avoided by all rodents unless they become extremely hungry and if they do attack the trees they speedily die.

The mixture is prepared by heating linseed oil until it is smoking hot—about 470 degrees Fahrenheit. The mixture should be set outdoors and flowers of sulphur added, one part to nine parts of oil by weight, making a 10 per cent solution. It is best to sift the sulphur slowly into the hot oil and stir. The mixture will become hotter until all the sulphur is dissolved. When it cools it will be ready for use; but if it is to be sprayed on the tree trunks, thinning with turpentine may be necessary to put it through the spray pump.

BORDEAUX MIXTURE

4 lbs. copper sulphate crystals
4 lbs. storelime
50 gallons water

Plant Diseases of Ornamentals

FUNGICIDES

Satisfactory control measures for the diseases of ornamental plants are preventatives rather than cures. Control measures must, therefore, to be most effective, be initiated before the appearance of disease. When a plant is once infected there is often no cure, and the removal of such individuals and their destruction should be a general sanitary practice in all growing operations.

Disinfecting and protective fungicides serve two distinct purposes. A disinfecting spray is used as a dormant and summer spray to destroy the spores of fungi which cause disease, and which may be lodged on the bark or about the buds of deciduous trees and shrubs. Lime-sulfur solution diluted 1-9 is the most commonly used dormant disinfecting spray. Some sprays and dusts prevent infection by depositing a protective coating poisonous to fungous spores on the plant surfaces. Lime-sulfur 1-49. Bordeaux mixture, sulfur dusts and wettable sulfur sprays, are the most generally known and used protective sprays.

The following recommendations cannot be expected to yield 100 per cent. control of disease, as this is rarely accomplished. However, if the measures recommended are followed, reasonable control should be obtained.

Host	Diseases	Control	How used	When
Almond (Flow'g)	Brown rot of leaves & twigs	Bordeaux	4-4-50	Spring and early summer
Ampelopsi.	Leaf Spot	Bordeaux	4-4-50	Thruout season at 10-day intervals
Androm'd (Pieris)	Leaf Spot	Bordeaux	2-3-50	Thruout season at 2-week intervals
Azalea	Leaf sc'rch Leaf Gall	Bordeaux	4-4-50	July & August
Barberry	Leaf Spot	Bordeaux Prune out dead twigs	4-4-50	Spring & early summer
Beech	Canker	Prune Control scale	Dormant	Winter & spring Early March
Birch	Leaf Spot, Rust, Mild.	Bordeaux	4-4-50	Spring
Boxwood	Canker	Prune dead twigs Bordeaux or Lime-sul.	4-4-50 1-49	At any time Spring & summer Spring & summer
Buckeye (Horse- chestnut)	Leaf Spots Leaf Blotch	Bordeaux Bordeaux Lime-sul.	4-4-50 4-4-50 1-49	Spring & summer As leaves are un- folding and 10 days later
Cotoneast. Crataegus	Fire Blight Fire Blight	Prune Prune Bordeaux		Any time noticed Any time noticed At blooming
	Leaf Spot	Bordeaux	2-3-50 4-4-50	2-3 sprays June & July
Elm	Leaf Spot	Bordeaux	4-4-50	When leaves are half-sized & again in 10 da. or 2 wk.
	Dutch Elm Disease	Burn leaves Control Europ. elm bark beetle		Prune out in win- ter all dead and weak wood
Junipers	Cankers Twig Bl't	Prune Bordeaux	4-4-50	Winter Early spring, espe- on young stock Early spring
	Rusts Die-Back	Prune dead twg. See Mt. Ash Bordeaux		
Kerria	Die-Back	Bordeaux	4-4-50	At 2-wk. intervals during July-Aug.
Laurel	Leaf Spot	Bordeaux	4-4-50	June, July & Aug. 2-week intervals
Lilac	Mildew	Sulfur	Dust or spray	Late summer
	Leaf and Twig Bl't	Bordeaux	4-4-50	Early in spring. 2 applications at 10 day intervals after growth starts
Linden	Large Leaf Blotch	Bordeaux	4-4-50	3-4 applications at 2-wk. intervals Spr. & early Sum.
Maple	Leaf Scorch Leaf Spot	Fertilize Bordeaux	4-8-6 mixture 4-4-50	Applied in spr. be- fore growth starts 2 appl. 10 days apart early spring
	Wilt	Fertilize	4-8-6 mixture	In spring before growth starts
Japanese Maple	Cankers & Twig Bl't	Prune Bordeaux	4-4-50	When noticed. During spring & early summer
Mountain Ash	Rust	Alternate host known control.	Juniper. Separation of hosts only Lime-sulf. 1-49 in spr. might help	

Host	Disease	Control	How used	When
Oak	Leaf Scorch	Bordeaux	4-4-50	3 sprays at 2-wk. intervals, starting when leaves half grown.
		Destroy leaves		In fall
	Leaf Spot	Destroy leaves		In fall
Pachysan.	Twig Bl't	Prune		Midsummer
	Leaf Blotch	Bordeaux	2-3-50	During growing season until chk'd
Pine	Blister Rust	Alternate host species of Ribes. Remove Ribes plants for 500 feet from pine plantations; Black currants for one mile.		
	Needle Cast	Destroy fallen needles		Fall & winter
	Tip Blight	Prune		Early summer.
		Bordeaux	4-4-50	As growth takes place in spring, 2 applications
	Gall Rust	Alternate host, Oak. No control except separation of hosts and pruning out galls from pine		
Plane Tree	Leaf & Twig	Bordeaux	4-4-50	In spring, 2-3 spr., at 10-day intervals, starting when leaves half grown
		Destroy leaves		In fall
		Prune		In winter
Privet	Twig Bl't	Lime-sulfur	1-9	Dormant
		Bordeaux	4-4-50	3 sprays appl. at 2-week intervals dur'g May & June
Rhododen.	Wilt	Rotation crops		1 month before planting
		Increase soil acidity with aluminum sulfate or sulphur		Aluminum sulfate at 1 oz. sq. yd.
	Leaf Diseases	Bordeaux	4-4-50	Sulfur at 4 oz. per sq. yd.
				Early in summer as growth is taking place after blooming
Rose	Leaf Spot	Sulfur	Dust	During growing season from May to Sept. at 10-14 day intervals
		Wettable sulfur		
		sprays as recommended		
	Canker	"	"	"
	Mildew	"	"	"
Salix	Scab	Bordeaux	4-4-50	As buds begin to open and at 7-day intervals until l'ves fully formed
Spirea	Fire Blight	See Cotoneaster		
Spruce	Canker	Prune		When noticed
		Bordeaux	4-4-50	2 applications late June, early July
Symphoricarpos	Anthrax-nose	Bordeaux	4-4-50	4-5 sprays during growing season
Vaccinium	Leaf Spot	Bordeaux	4-4-50	2-3 sprays early in summer at 2-week intervals, starting June 1st.

Conditions of Sale

Orders are Accepted Subject to prior sale, and to condition of stock at delivery date, under the following terms.

Goods in Transit.—All goods are at purchaser's risk after they are delivered to the forwarding companies and we receive their receipt for the shipment in good condition.

Claims must be made within **five days** after receipt of goods. Stock delivered as per order and in good condition is not returnable.

Prices in this catalogue cancel all previous lists and quotations and are subject to change without notice and they are F. O. B. our nurseries, packing extra; 250, 25 or 5 of any one variety on one order will be furnished at the 1000, 100 or 10 rates respectively.

Terms Cash. For customers of established credit accounts will be opened due in 30 days from date of invoice. Interest at six per cent (6%) per year will be charged on all accounts from due date. Orders for C. O. D. shipment must be accompanied by one-fourth of the amount.

Special Selection: Plant materials specially selected at the nursery will be sold at prices commensurate with the value of the specimens chosen, irrespective of the listed prices.

Ball & Burlap—The charge for balling and burlapping any item where B. & B. is not specified in this list is as follows:

2 to 4 ft	30c	6 to 8 ft.....	75c
4 to 6 ft.....	50c	8 to 12 ft....	\$1.00

SCHEDULE OF DELIVERY CHARGES

Amt. of Order on one delivery	First Zone 1 to 15 miles	Second Zone 15 to 30 miles	Third Zone 30 to 50 miles
\$1000 or more	Free.....	Free.....	Free.....
\$ 500 to \$999	Free.....	Free.....	Free.....
\$ 300 to 499	Free.....	Free.....	5% of order
\$ 100 to 299	Free.....	5% of order	8% of order
Less than \$100	\$3.00	\$5.00	\$8.00
Amt. of Order on one delivery	Fourth Zone 50 to 75 miles	Fifth Zone 75 to 100 miles	Additional information on special deliveries given on request.
\$1000 or more	Free.....	5% of order..	
\$ 500 to \$999	5% of order	8% of order	
\$ 300 to 499	8% of order..	10% of order	
\$ 100 to 299	10% of order	Ship	
Less than \$100	\$10.00	Ship	

BOXING CHARGES

Length	12x15"	15x16"	17x20"	19x24"	23x28"	27x32"	31x36"
4'	.75	1.00	1.25	1.50	1.75	2.00	2.50
6'	1.00	1.25	1.50	1.75	2.00	2.50	2.75
8'	1.25	1.50	1.75	2.00	2.50	2.75	3.25
10'		2.50	2.75	3.25	3.50	4.00	4.50
12'			3.25	3.50	4.00	5.00	5.50
14'							6.00

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